

FIG. 1

Sequence of human APRIL (SEQ ID NOS: 1 and 2)

Human G70 cDNA (SEQ ID NO 1)

Length: 1465 bp

```

1  GCCAACCTTC CCTCCCCCAA CCCTGGGGGCC GCCCCAGGGT TCCTGCGCAC
51  TGCCTGTTCC TCCTGGGTGT CACTGGCAGC CCTGTCCTTC CTAGAGGGAC
101 TGGAACCTAA TTCTCCTGAG GCTGAGGGAG GGTGGAGGGT CTCAAGGCAA
151 CGCTGGCCCC ACGACGGAGT GCCAGGAGCA CTAACAGTAC CCTTAGCTTG
201 CTTTCCTCCT CCCTCCTTTT TATTTTCAAG TTCCTTTTTA TTTCTCCTTG
251 CGTAACAACC TTCTTCCCTT CTGCACCACT GCCCGTACCC TTACCCGCCC
301 CGCCACCTCC TTGCTACCCC ACTCTTGAAA CCACAGCTGT TGGCAGGGTC
351 CCCAGCTCAT GCCAGCCTCA TCTCCTTTCT TGCTAGCCCC CAAAGGGCCT
401 CCAGGCAACA TGGGGGGGCC AGTCAGAGAG CCGGCACTCT CAGTTGCCCT
451 CTGGTTGAGT TGGGGGGCAG CTCTGGGGGC CGTGGCTTGT GCCATGGCTC
501 TGCTGACCCA ACAACAGAG CTGCAGAGCC TCAGGAGAGA GGTGAGCCGG
551 CTGCAGGGGA CAGGAGGCCC CTCCCAGAAT GGGGAAGGGT ATCCCTGGCA
601 GAGTCTCCCG GAGCAGAGTT CCGATGCCCT GGAAGCCTGG GAGAGTGGGG
651 AGAGATCCCG GAAAAGGAGA GCAGTGCTCA CCCAAAACA GAAGAAGCAG
701 CACTCTGTCC TGCACCTGGT TCCCATTAAAC GCCACCTCCA AGGATGACTC
751 CGATGTGACA GAGGTGATGT GGCAACCAGC TCTTAGGCGT GGGAGAGGCC
801 TACAGGCCCA AGGATATGGT GTCCGAATCC AGGATGCTGG AGTTTATCTG
851 CTGTATAGCC AGGTCCTGTT TCAAGACGTG ACTTTCACCA TGGGTCAGGT
901 GGTGTCTCGA GAAGGCCAAG GAAGGCAGGA GACTCTATTC CGATGTATAA
951 GAAGTATGCC CTCCCACCCG GACCGGGCCT ACAACAGCTG CTATAGCGCA
1001 GGTGTCTTCC ATTTACACCA AGGGGATATT CTGAGTGTCA TAATTCCCCG
1051 GGCAAGGGCG AAACCTTAACC TCTCTCCACA TGGAACCTTC CTGGGGTTTG
1101 TGAAACTGTG ATTGTTGTTAT AAAAAGTGGC TCCCAGCTTG GAAGACCAGG
1151 GTGGGTACAT ACTGGAGACA GCCAAGAGCT GAGTATATAA AGGAGAGGGA
1201 ATGTGCAGGA ACAGAGGCGT CTTCCTGGGT TTGGCTCCCC GTTCCTCACT
1251 TTTCCCTTTT CATTCCCACC CCCTAGACTT TGATTTTACG GATATCTTGC
1301 TTCTGTTCCC CATGGAGCTC CGAATTCTTG CGTGTGTGTA GATGAGGGGC
1351 GGGGGACGGG CGCCAGGCAT TGTTCAAGACC TGGTCGGGGC CCACTGGAAG
1401 CATCCAGAAC AGCACCACCA TCTAACGGCC GCTCGAGGGA AGCACCCGGC
1451 GGT TTGGGCG AAGTC

```

The proposed transmembrane domains are boxed

human G70 protein sequence (SEQ ID NO 2)

```

1  MPASSPFLLA PKGPPGNMGG PVREPALSVA LWLSWGAALG AVACAMALLT
51  QQTELQSLRR EVSRLQGTGG PSQNGEGYPW QSLPEQSSDA LEAWESGERS
101 RKRRAVLTQK QKKQHSVLHL VPINATSKDD SDVTEVMWQP ALRRGRGLQA
151 QGYGVRIQDA GYLLYSQVL FQDVTFTMGQ VVSREGQGRQ ETLFR CIRSM
201 PSHPDRA YNS CYSAGVFHLH QGDILSVIIP RARAKLNLSP HGTF LGFV

```


APPROVED	O.G. FIG.	
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FIG. 2B

Mouse G70 Length: 241 (SEQ ID NO 4)

```

1  MPASSPGHMG GSVREPALSV ALWLSWGAVL GAVTCAVALL IQQTELQSLR
51  REVSRLQMSG GPSQKQGERP WQSLWEQSPD VLEAWKDGAQ SRRRRAVLTQ
101 KHKKKHSLVH LVPVNITSKD SDVTEVMWQP VLRRGRGLEA QGDIVRVWDT
151 GIYLLYSQVL FHDVTFTMGQ VVSREGQGRR ETLFRCIRSM PSDPDRAVNS
201 CYSAGVFHLH QGDIITVKIP RANAKLSLSP HGTFLGFVKL *
```

G-70 FLAG des92 (smuG70) Strain #4081 (SEQ ID NO 19):

```

MDYKDDDDKKKKKKHSLVHLVLPVNITSKDSDVTEVMWQPVLRGRGLEAQGDIVRVWDTGIY
LLYSQVLFDHVTFTMGQVVSREGQGRRETLFRCIRSMPSDPDRAYNSCYSAGVFHLHQDII
TVKIPRANAKLSLSPHGTFLGFVKL*
```

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444444 "494555"

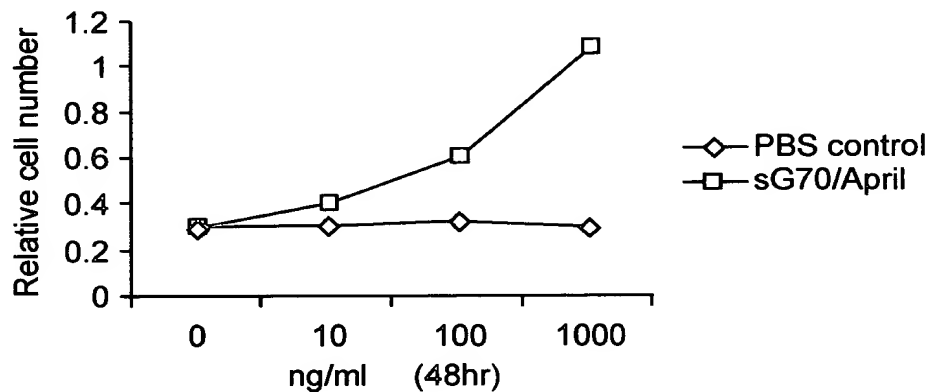
FIG. 3

Alignm. of human and mouse G70

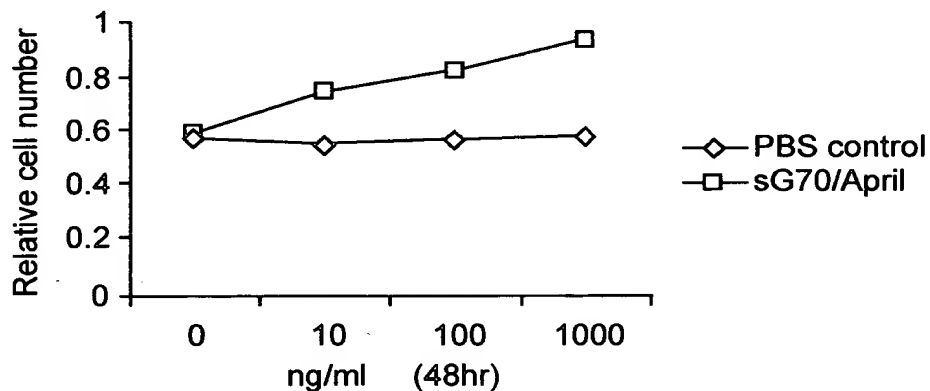
mouse:	1	MPASS-----PGHMGGS	VREPALSVALWLSWGA	VLTCAVALL	IQQTE	LQSLRR	51		
		MPASS	PG+MGG	VREPALSVALWLSWGA	LGAV	CA+ALL	QQTE	LQSLRR	60
human:	1	MPASSPFLAPKGP	PGNMGGP	VREPALSVALWLSWGA	ALGAVACAMALL	TQQTE	LQSLRR		
mouse:	52	EVSRLQ	SGGPSQ	KQGERP	WQSLWEQ	SPDVLEAWKDGAKS	RRRAVLTQKHKKH	SVLHL	111
		EVSRLQ	+GGPSQ	PWQSL	EQS	D LEAW+ G	+SR+RRAVLTQK	KK+HSV	LHL
human:	61	EVSRLQ	GTG	GPSQNGEGYP	WQSLPEQ	SSDALEAWESGERS	KRRRAVLTQKQKQ	HSVLHL	120
mouse:	112	VPVNITSKD	-SDVTEVMWQ	PVLRGRGRGLEAQ	GDIVRVWDTGI	YLLYSQ	VLFHDV	FTMGQ	170
		VP+N	TSKD	SDVTEVMWQ	P LRRGRGL+AQG	VR+ D	G+YLLYSQ	VLF DVT	FTMGQ
human:	121	VPINATSKDD	SDVTEVMWQ	PALRRGRGLAQ	QGYGVRIQDAGV	YLLYSQ	VLFQDV	FTMGQ	180
mouse:	171	VVSREGQ	RRRETL	FRCIRSMPSDP	DRAYNSCYSAGVFHLHQ	GDIITVKI	PRANAKL	SLSP	230
		VVSREGQ	GR+ETL	FRCIRSMPS	PDRAYNSCYSAGVFHLHQ	GDI++V	IPRA AKL	+LSP	240
human:	181	VVSREGQ	GRQETL	FRCIRSMPSHP	DRAYNSCYSAGVFHLHQ	GDI	SVIIPRA	AKLNLSP	
mouse:	231	HGTF	FLGFVKL	240					
		HGTF	FLGFVKL						
human:	241	HGTF	FLGFVKL	250					

FIG. 4A

Effect of sG70/April on Raji cell proliferation



Effect of sG70/April on Jurkat cell proliferation



Effect of sG70/April on K562 cell proliferation

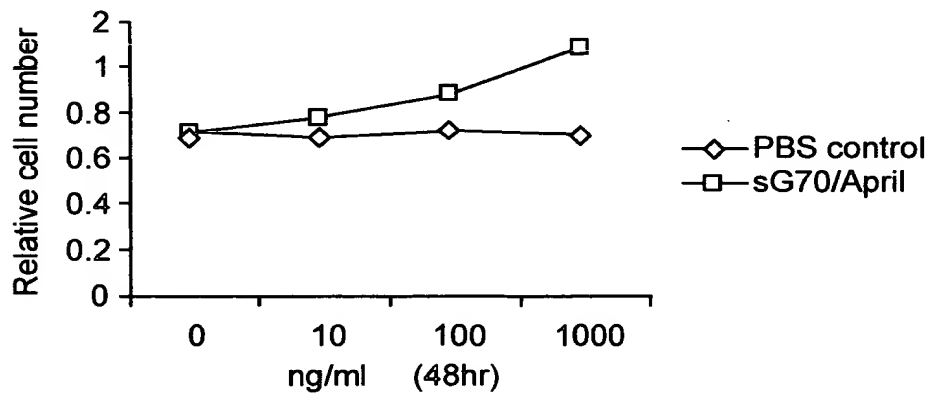
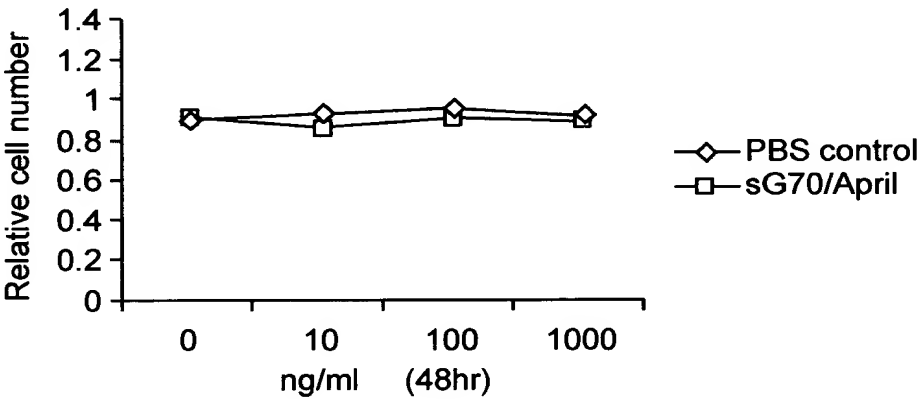
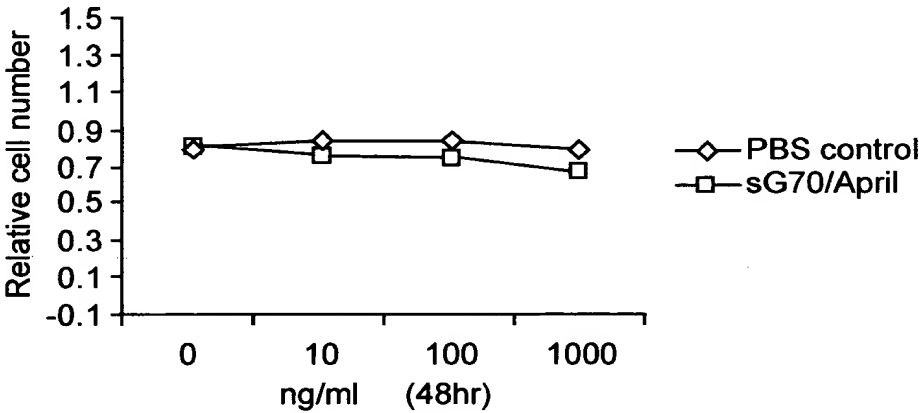


FIG. 4B

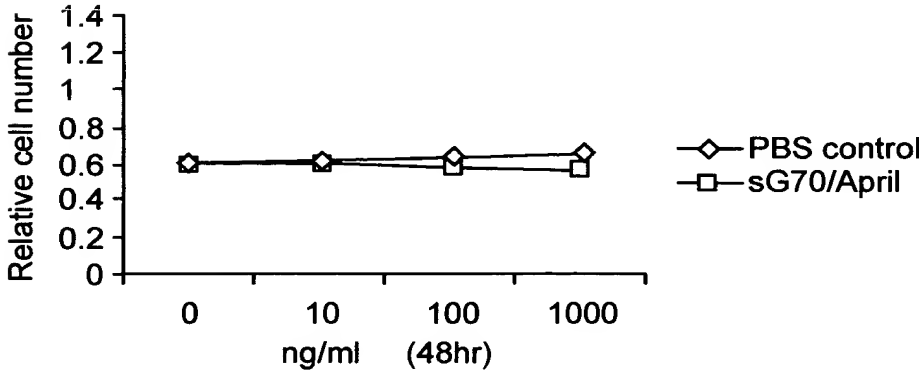
Effect of sG70/April on U937 cell proliferation



Effect of sG70/April on 293 T cell proliferation



Effect of sG70/April on 3T3 cell proliferation



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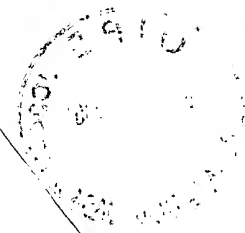
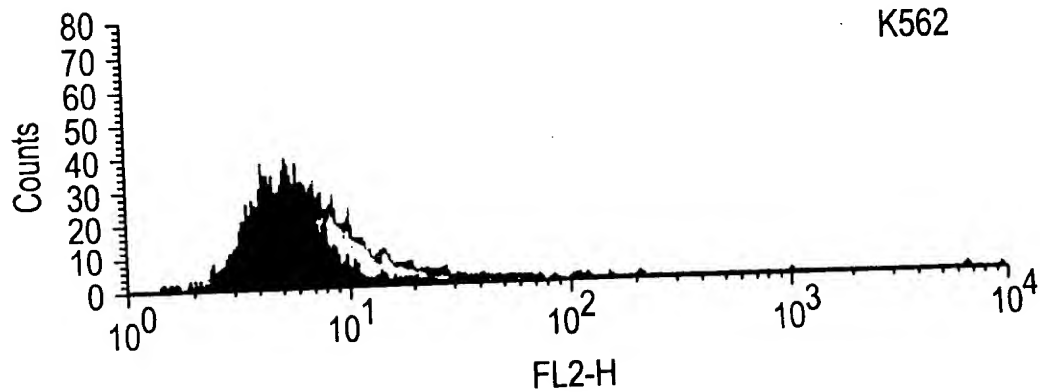
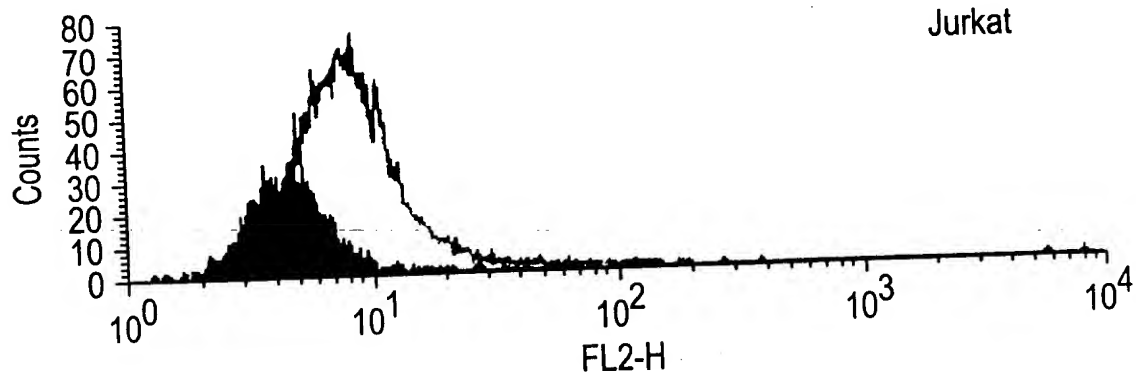
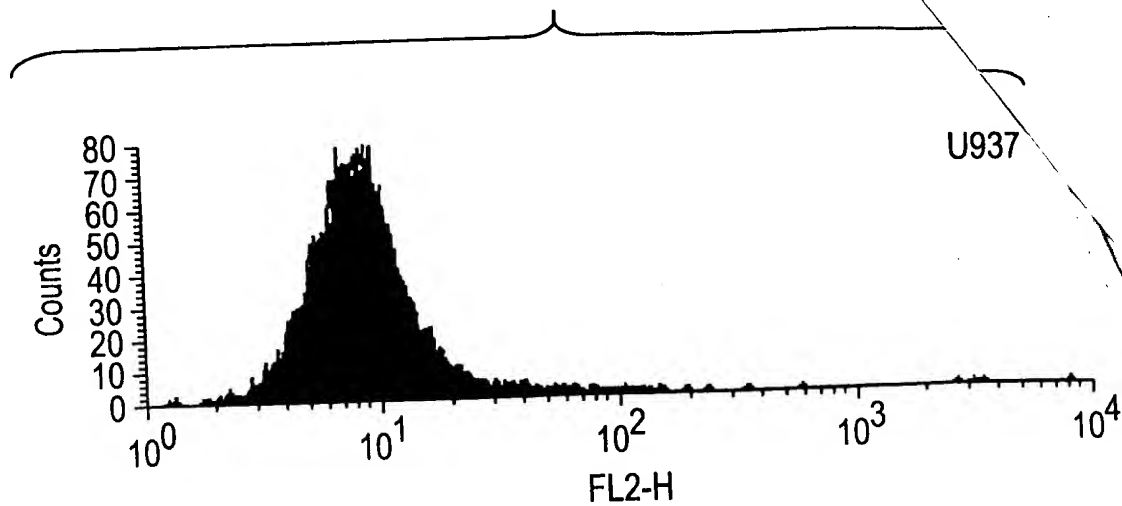


FIG. 5A



U.S. PAT. & TM. OFF.

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FIG. 5B-1

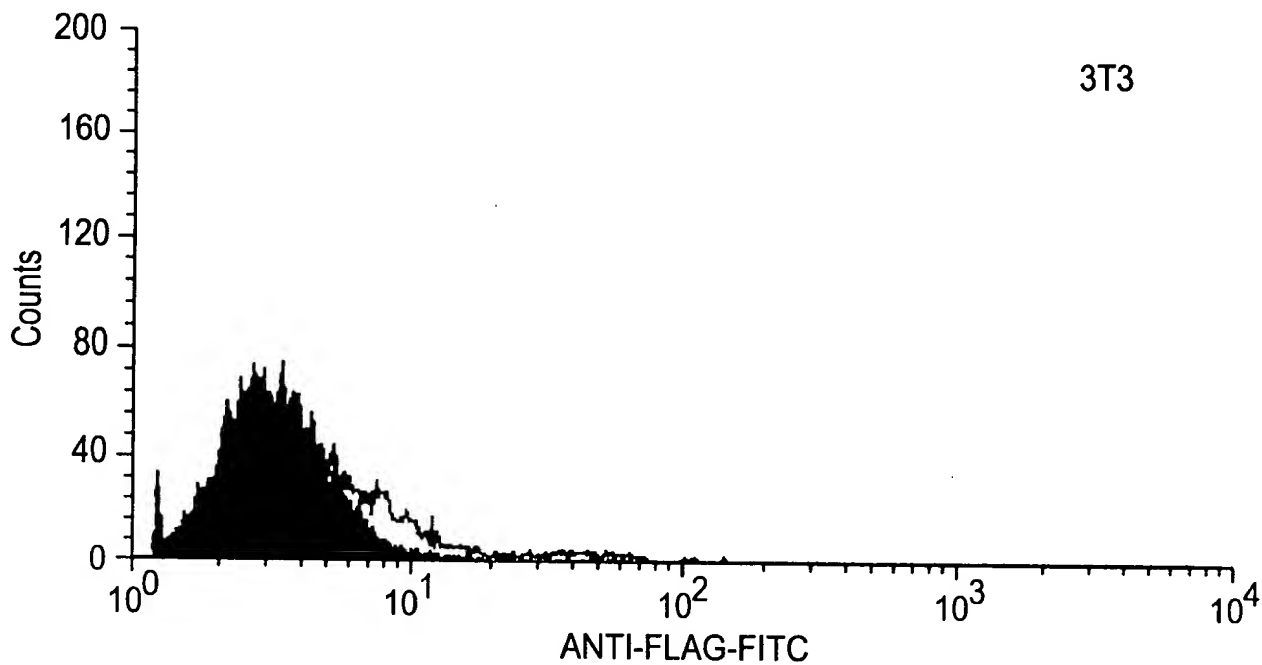
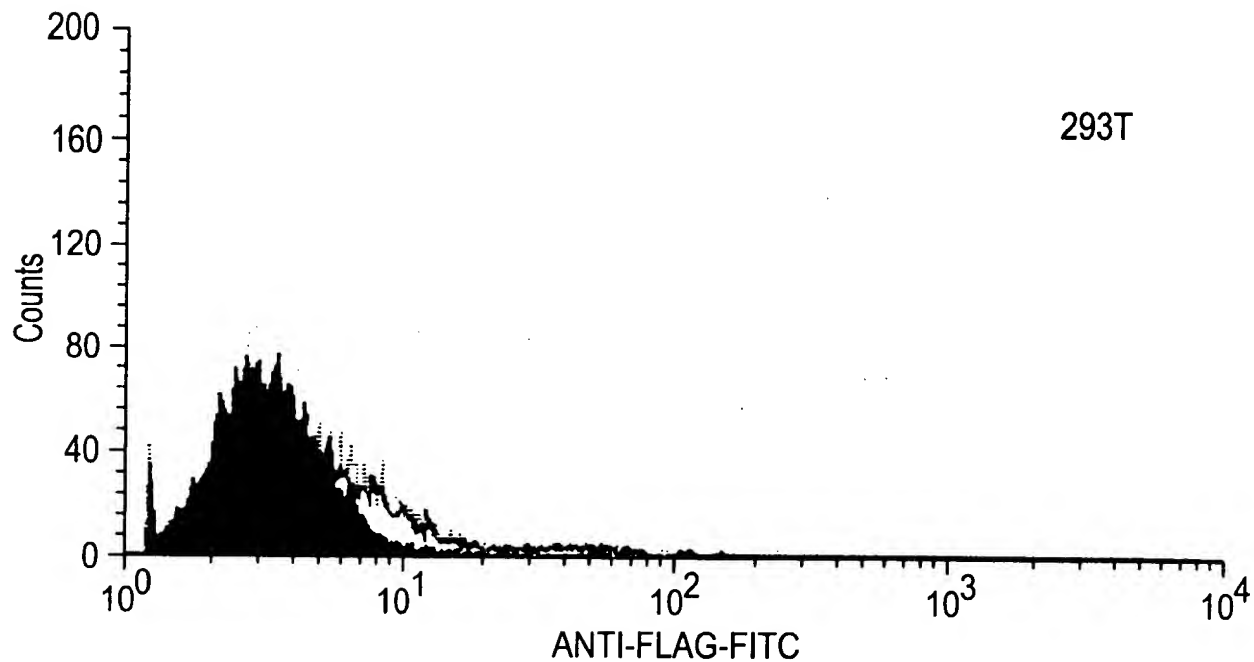
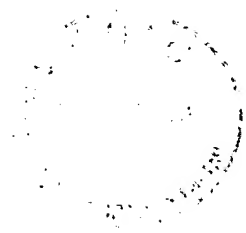


FIG. 5B-2



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FIG. 5B-3

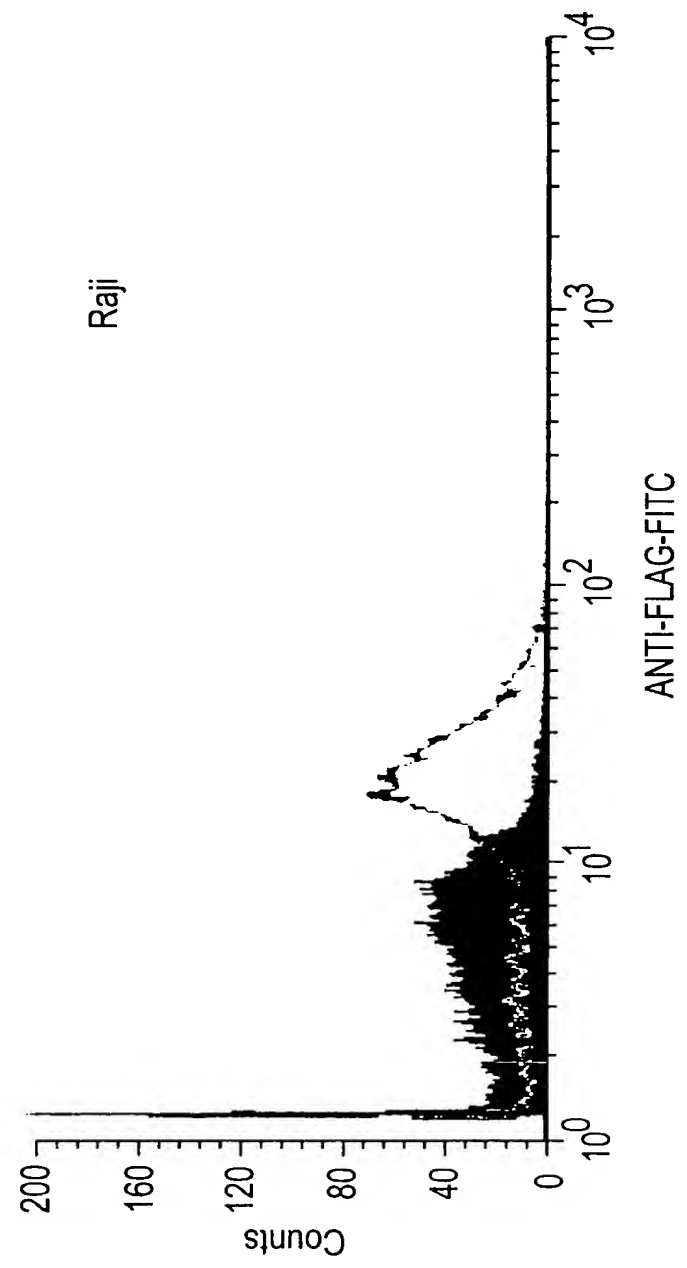
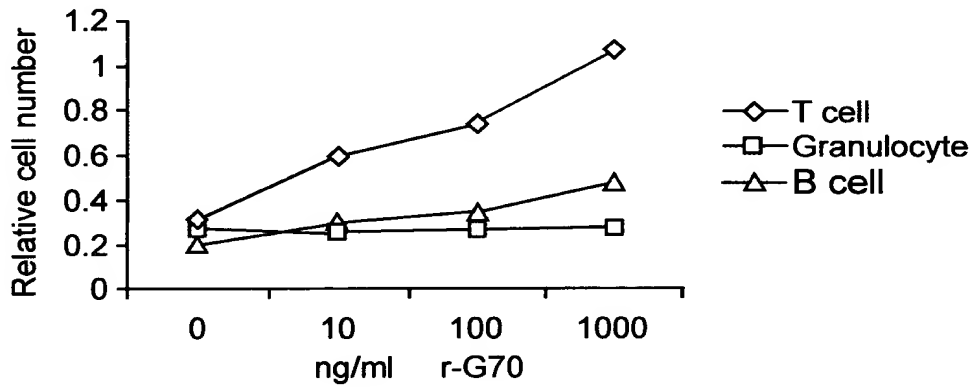




FIG. 6

The effect of r-G70/April on human peripheral blood B cell, T cell and Granulocyte



The effect of IL-2 and G70/April on human peripheral T cell proliferation

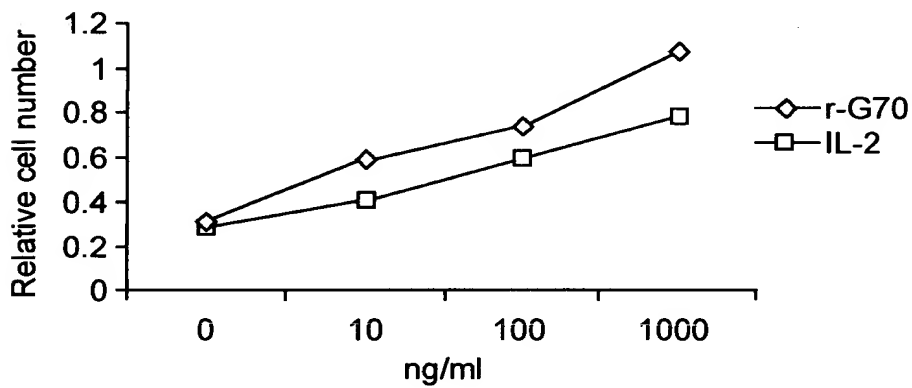
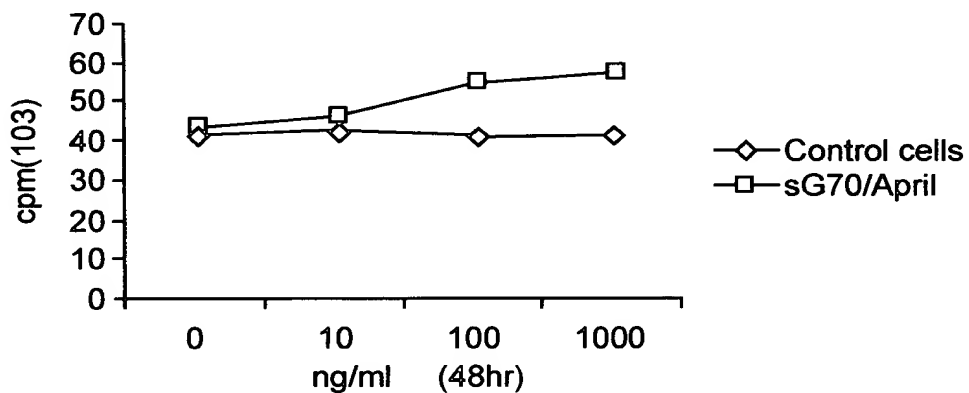


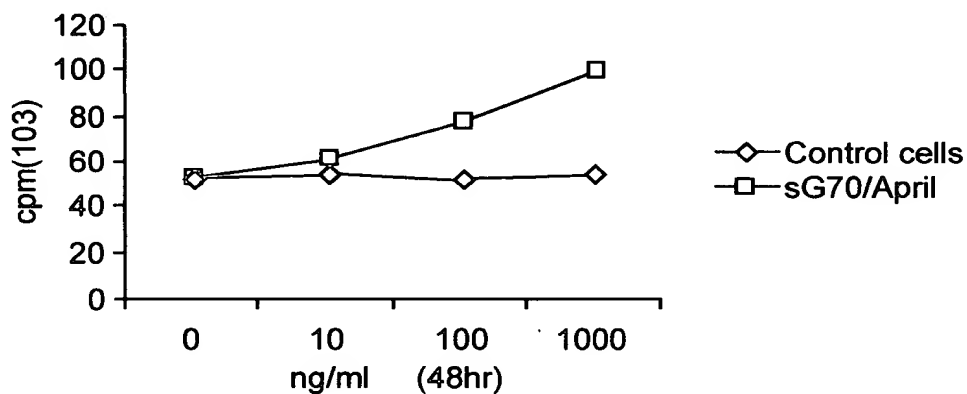


FIG. 7

Effect of sG70/April on murine B cell proliferation



Effect of sG70/April on murine T cell proliferation



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FIG. 8

Effect of G70/April on murine T cell
 proliferation costimulated through CD28
 antibody

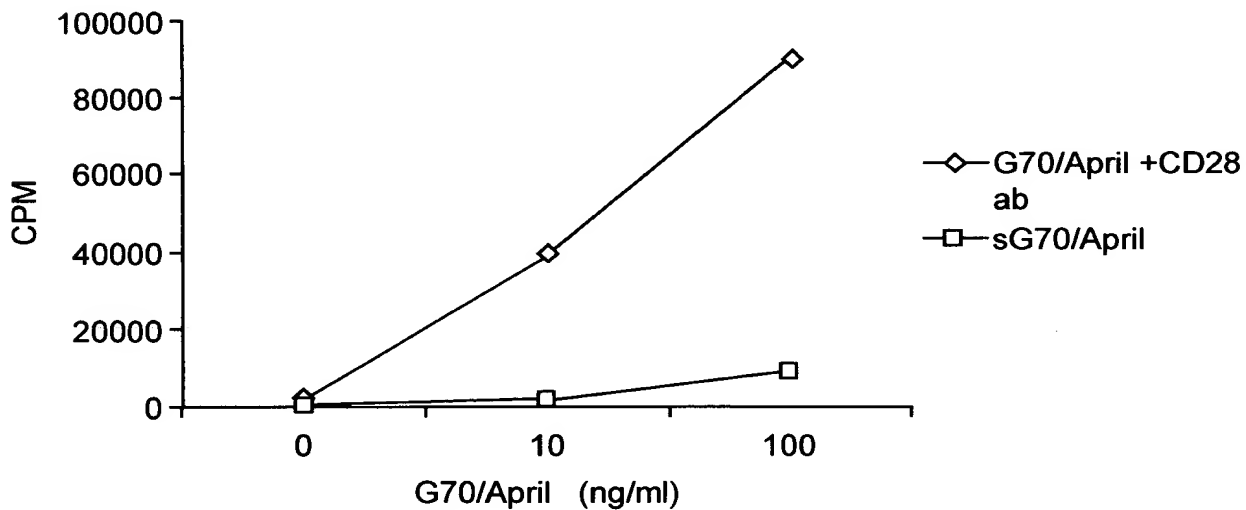
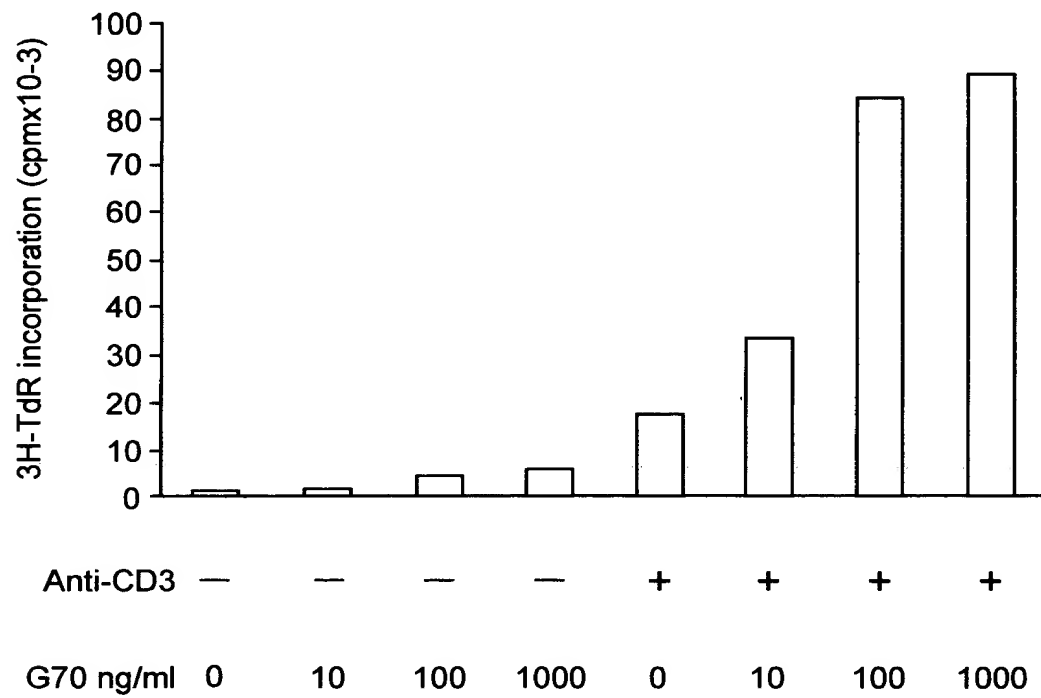




FIG. 9

Co-stimulatory activity of G70/April on mouse T cells



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FIG. 11

Alignment of human BCMA amino acid sequence and murine BCMA amino acid sequence

murine BCMA amino acid sequence Length: 185 (SEQ ID NO: 11):

1 MAQQCFHSEY FDSLLHACKP CHLRCSNPPA TCQPYCDPSV TSSVKGTYTV
51 LWIFLGLTLV LSLALFTISF LLRKMNPEAL KDEPQSPGQL DGSQAQDKAD
101 TELTRIRAGD DRIFPRSLEY TVEECTCEDC VKSKPKGDS D HFFPLPAMEE
151 GATILVTTKT GDYKSSVPT ALQSVGMGEK PTHTR

alignment of human BCMA amino acid sequence and murine BCMA amino acid sequence.

Query: 4 MAGQCSQNEYFDSLLHACIPQQLRCSNTPPLTCQRYCNASVTNSVKGTNAILWTCGLS 63
MA QC +EYFDSLLHAC PC LRCS+ PP TCQ YC+ SVT+SVKGT +LW LGL+
Sbjct: 1 MAQQCFHSEYFDSLLHACKPCHLRCSN--PPATCQPYCDPSVTSSVKGTYTVLWIFLGLT 58

Query: 64 LIISLAVFVLMFLLRKISSEPLKDEFKNTG----SGLLGMANIDLEKSRTGDEIILPRGL 119
L++SLA+F + FLLRK++ E LKDE ++ G S L A+ +L + R GD+ I PR L
Sbjct: 59 LVLSLALFTISFLLRKMNPEALKDEPQSPGQLDGSQAQDKADTELTRIRAGDDRIFFRSL 118

Query: 120 EYTVEECTCEDCIKSKPKVDSHDHCFPLPAMEEGATILVTTKTNDYCKS-LPAAL-SATEI 177
EYTVEECTCEDC+KSKPK DSDH FPLPAMEEGATILVTTKT DY KS +P AL S +
Sbjct: 119 EYTVEECTCEDCVKSKPKGDSHDHFFPLPAMEEGATILVTTKTGDYKSSVPTALQSVGMG 178

Query: 178 EKSISAR 184
EK R
Sbjct: 179 EKPTHTR 185

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FIG. 12A

Human TACI

huTACI (SEQ ID NO: 14).

```

1  MSG LGRSRRG GRSRVDQEER FPQGLWTGVA MRSCPEEQYW DPLLGT CMSC
    51  KTICNHQSQR TCAAFCRSLS CRKEQGKFYD HLLRDCISCA SICGQHPKQC
    101 AYFCENK LRS PVNLPELRR QRSGEVENNS DNSGRYQGLE HRGSEASPAL
    151 PGLKLSADQV ALVYSTLGLC LCAVLCCFLV AVACFLKKRG DPCSCQPRSR
    201 PRQSPAKSSQ DHAMEAGSPV STSPEPVETC SFCFPECRAP TQESAVTPGT
    251 PDPTCAGR WG CHTRTTVLQP CPHIPDSGLG IVCVPAQEGG PGA
  
```

```

MSG LGRSRRGGRSRVDQEERFPQGLWTGVAMRSCPEEQYWDPLLGT CMSC
KTICNHQSQR TCAAFCRSLS CRKEQGKFYD HLLRDCISCASICGQHPKQC
AYFCENKLRSPVNLPELRRQRSGEVENNSDNSGRYQGLEHRGSEASPAL
PGLKLSADQVALVYSTLGLCLCAVLCCFLVAVACFLKKRGDPCSCQPRSR
PRQSPAKSSQDHAMEAGSPVSTSPEPVETCSFCFPECRAP TQESAVTPGT
PDPTCAGR WGCHTRTTVLQPCPHIPDSGLGIVCVPAQEGGPGA
  
```

huTACI's extracellular domain (SEQ ID NO: 15):

```

1  MSG LGRSRRG GRSRVDQEER FPQGLWTGVA MRSCPEEQYW DPLLGT CMSC
    51  KTICNHQSQR TCAAFCRSLS CRKEQGKFYD HLLRDCISCA SICGQHPKQC
    101 AYFCENK LRS PVNLPELRR QRSGEVENNS DNSGRYQGLE HRGSEASPAL
    151 PGLKLSADQV ALVYST
  
```

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FIG. 12B

huTACI's cysteine-rich consensus region (SEQ ID NO: 16):
CPEEQYWDPLLGTSCMTICNHQSQRTCAAFC and
CRKEQGKFYDHLLRDCISCASICGQHPKQCAIFC

transmembrane region (SEQ ID NO: 17):
LGLCLCAVLCCFLVAVACFL

hTACI-Fc (SEQ ID NO: 18):

1 MSGLGRSRRG GRSRVDQEER FPQGLWTGVA MRSCPEEQYW DPLLGTSCM
51 KTICNHQSQR TCAAFCRSL S CRKEQGKFYD HLLRDCISCA SICGQHPKQC
101 AYFCENKLRS PVNLPPPELRR QRSGEVENNS DNSGRYQGLE HRGSEASPAL
151 PGLKLSADQV ALVYSGGGGG DKTHTCPPCP APELLGGPSV FLFPPKPKDT
201 LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY
251 RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT
301 LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS
351 DGSFFLYSKL TVDKSRWQQG NVFSCSVME ALHNHYTQKS LSLSPGK*

APPROVED	G.G. FIG.	
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FIG. 13

Alignment of cysteine rich extracellular regions of human TACI and human BCMA.

```

34 CPEEQYWDPLLGTCTMCKTICNHQS.QRTCAAFCSRSLSCRKEQGKFYDHL 82
   | : :|. | || |. |. |. . || :| . . | . :
8  CSQNEYFDSLLHACIPCQLRCSSNTPPLTCQRYCNASVTNSVKGT..NAI 55

      .
83 LRDCISCASI 92
   | | : . |
56 LWTCLGLSLI 65
  
```

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APPROVED	R.G. FIG.	
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FIG. 14A

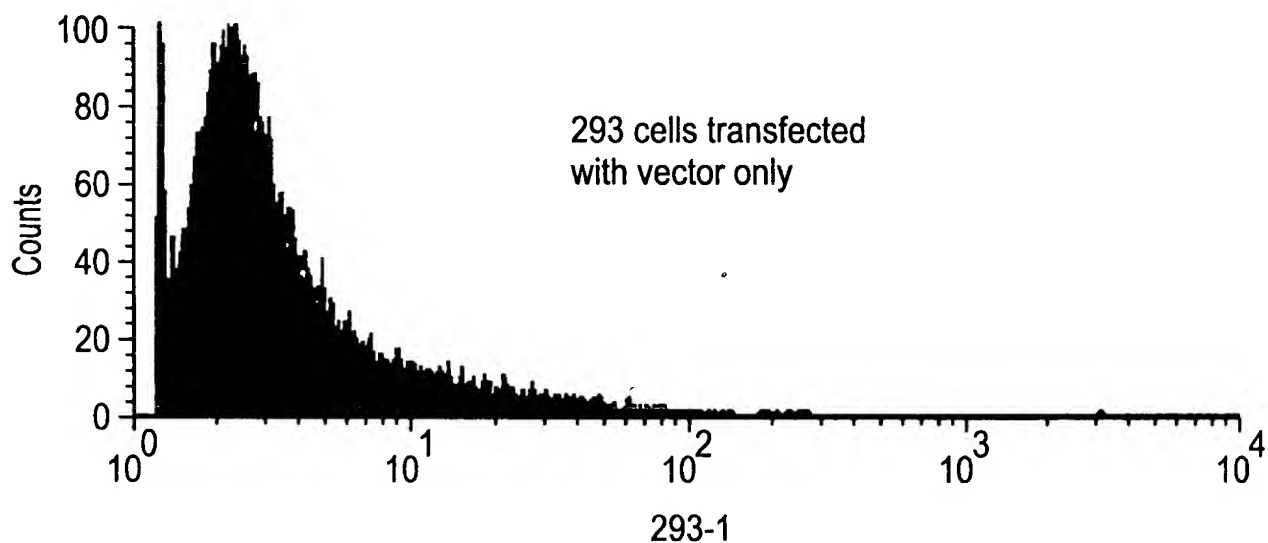
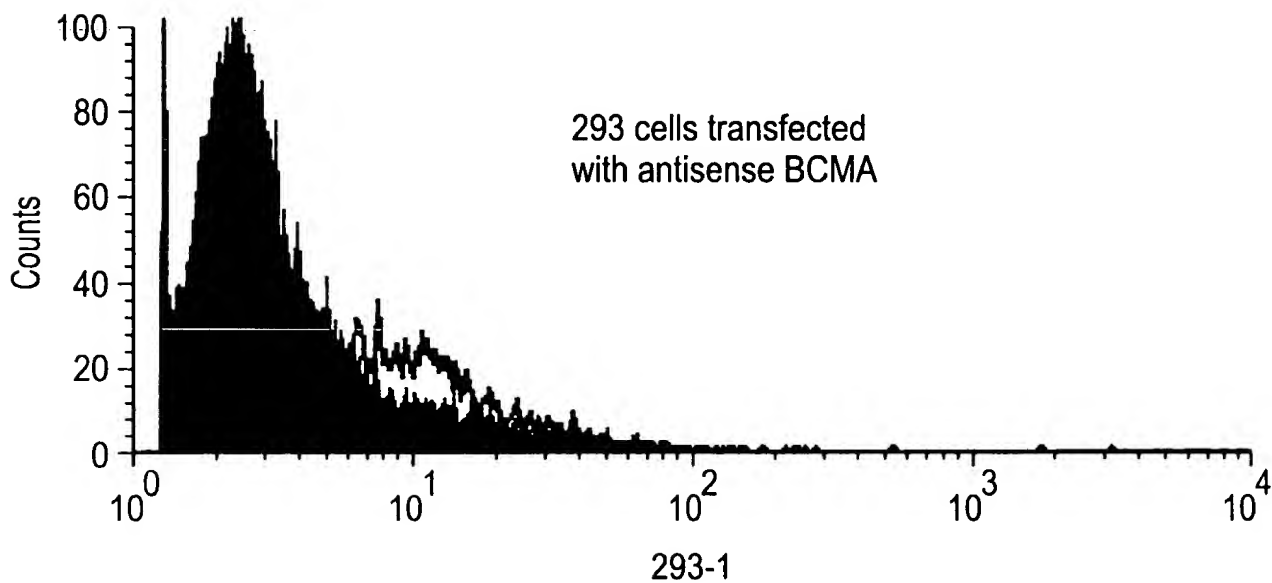


FIG. 14B

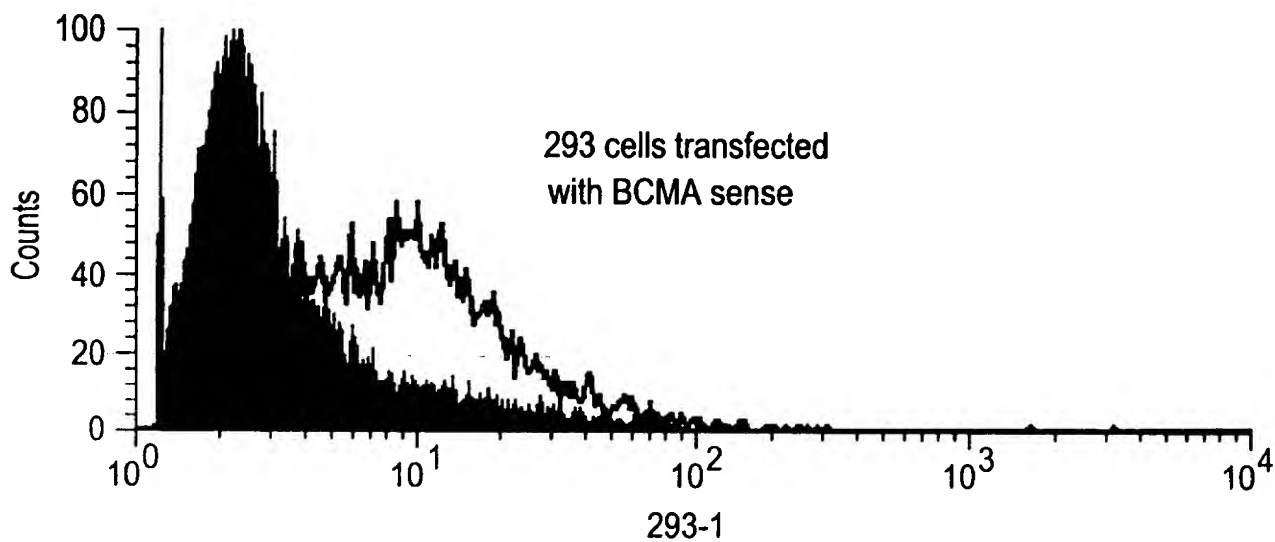


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FIG. 14C



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FIG. 15A

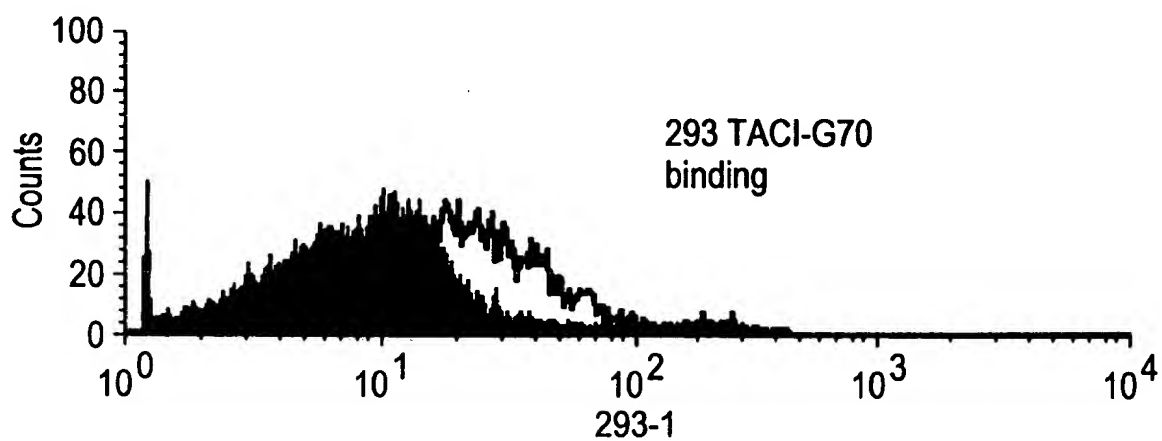


FIG. 15B

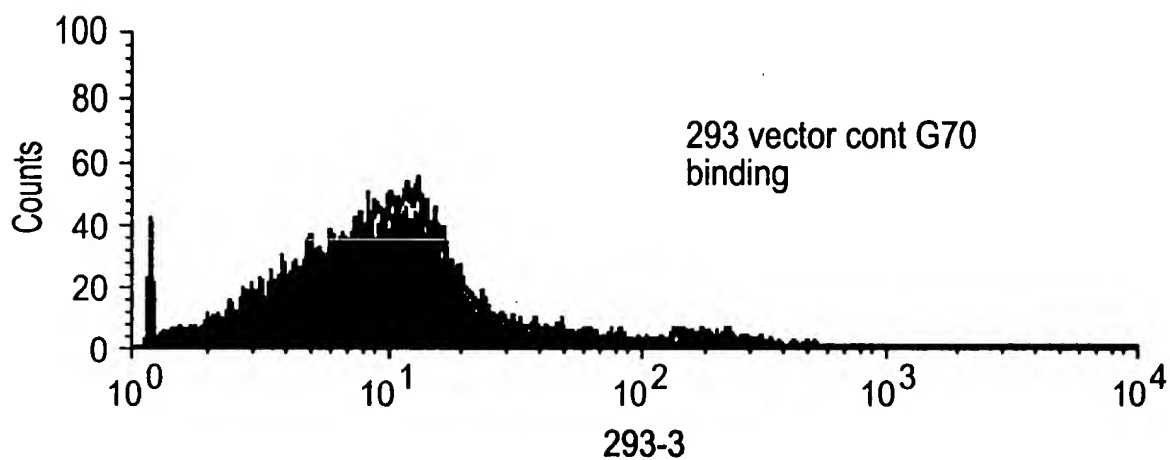




FIG. 16A

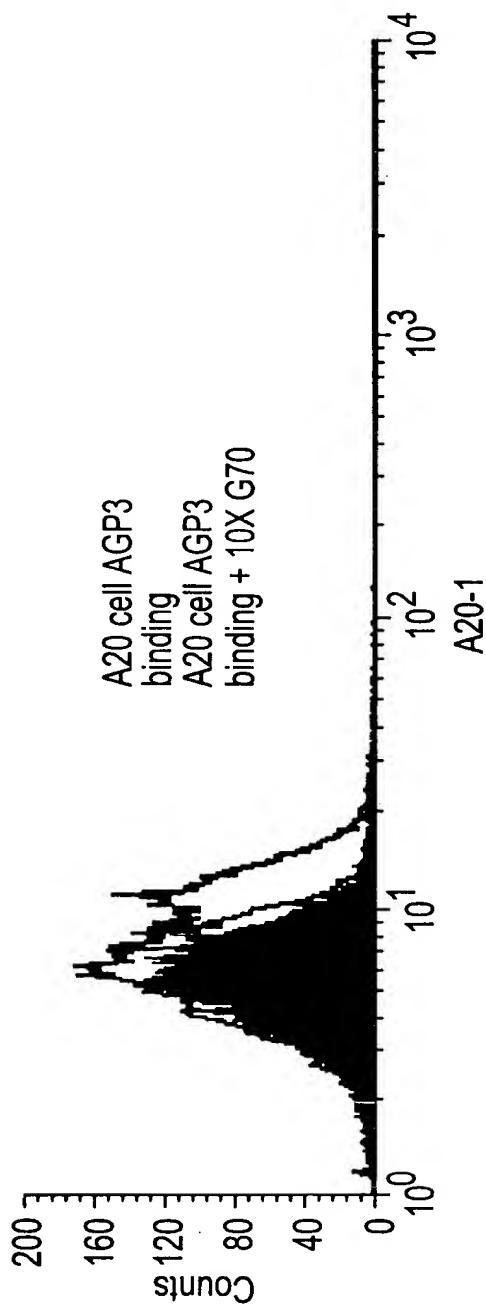
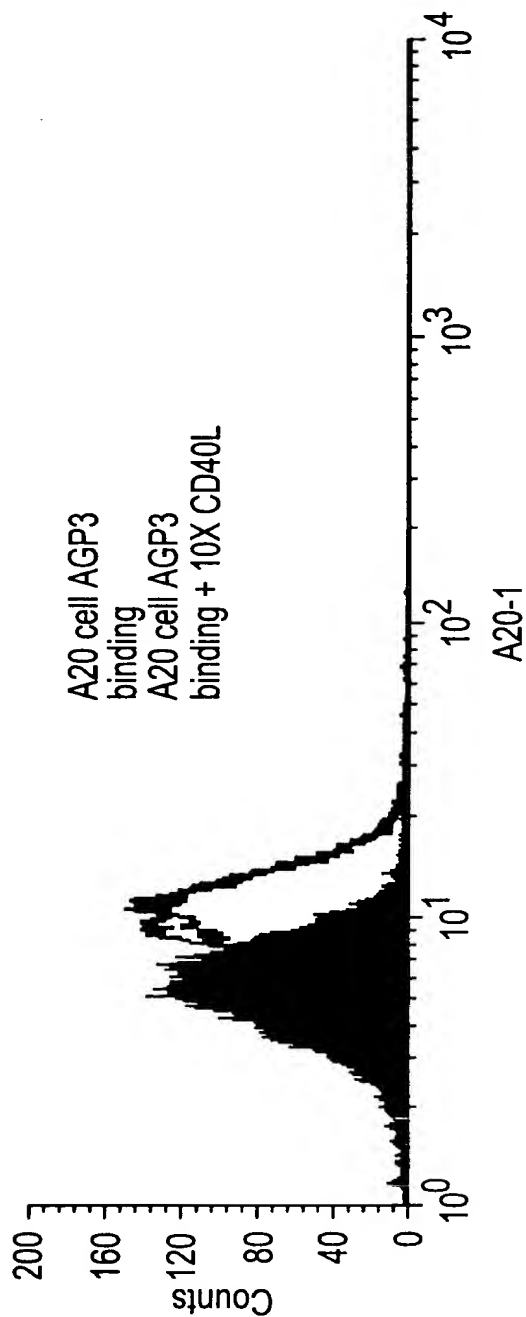


FIG. 16B



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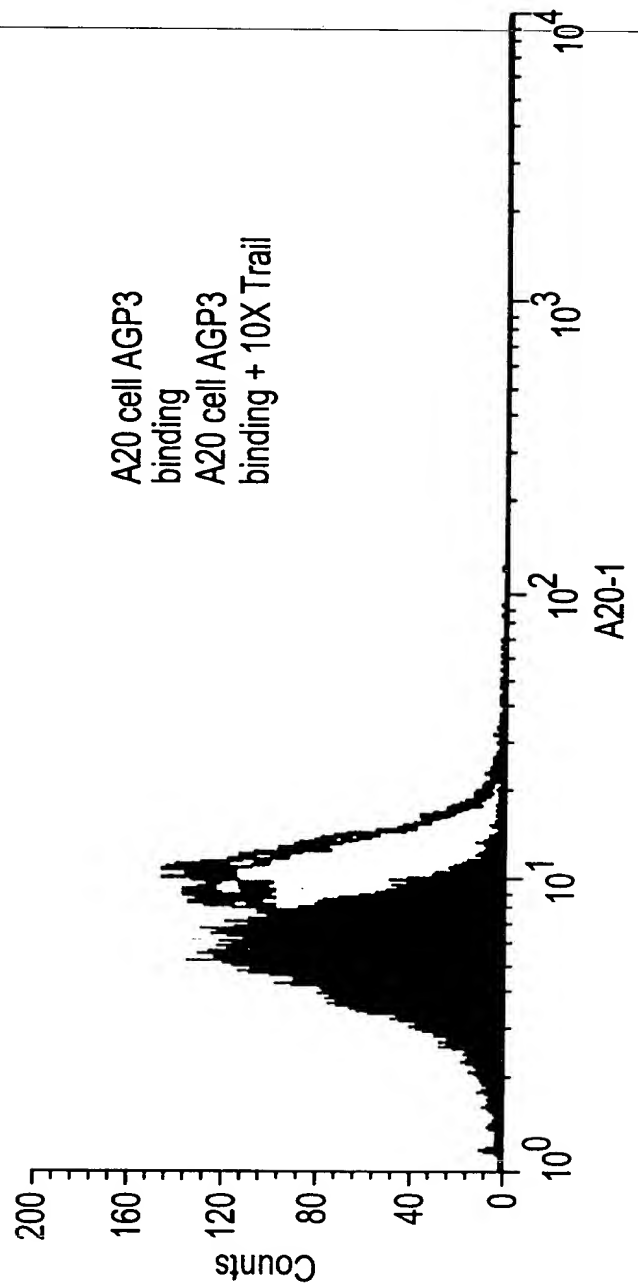
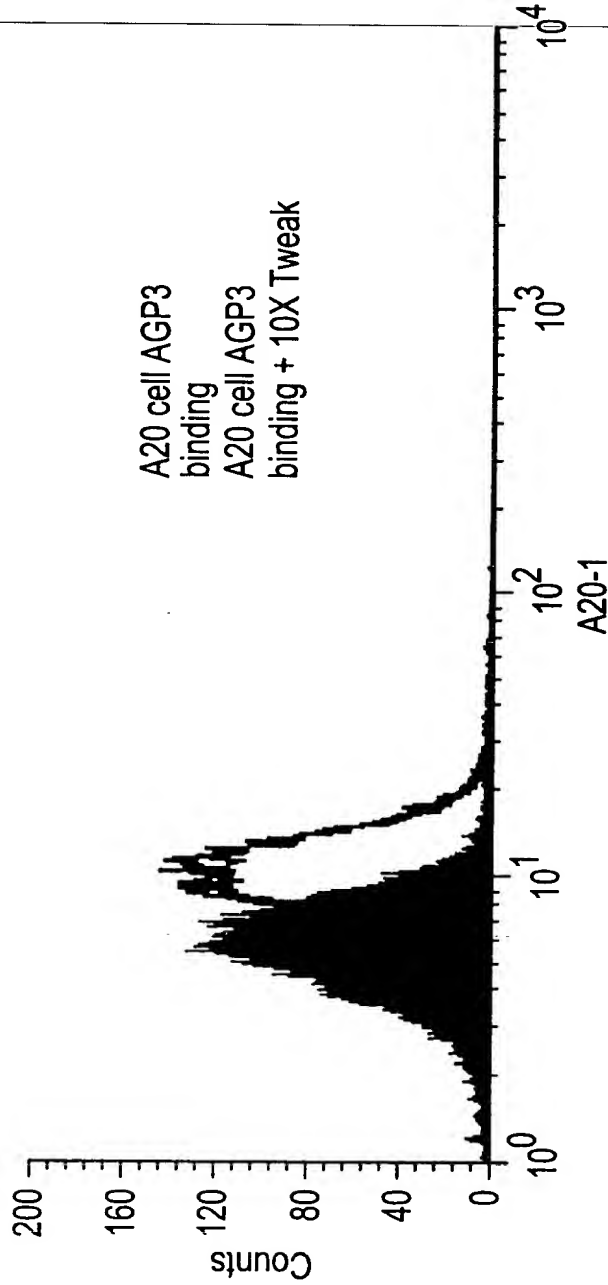


FIG. 17A

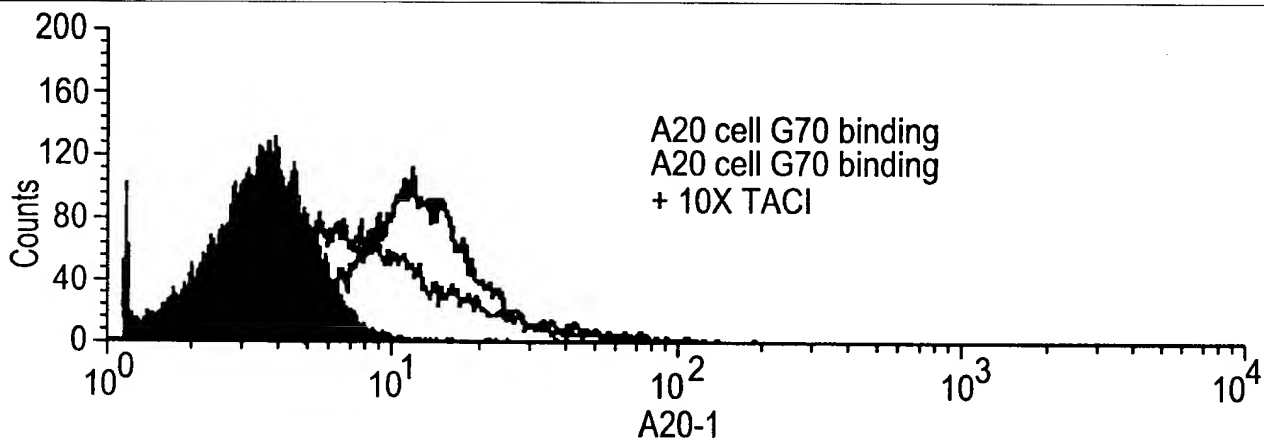


FIG. 17B

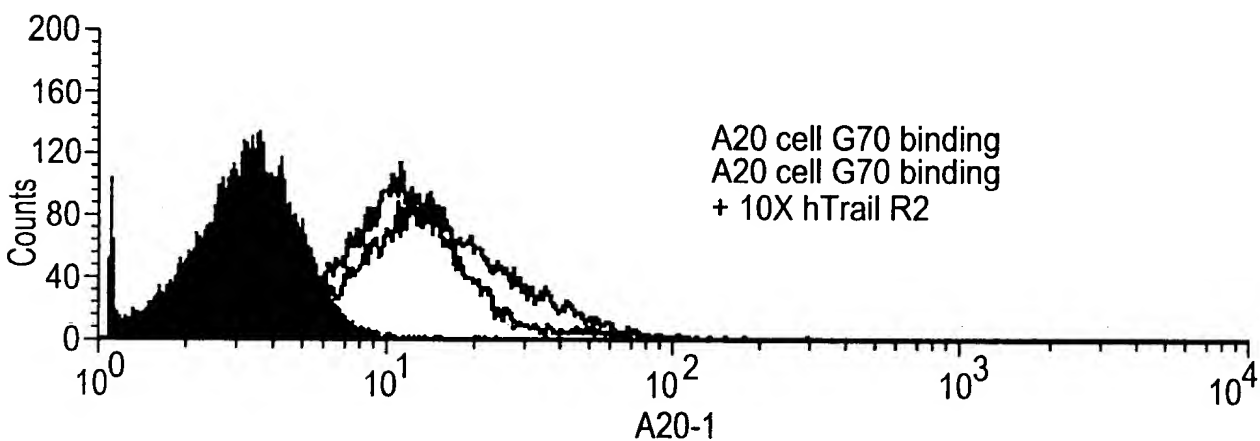
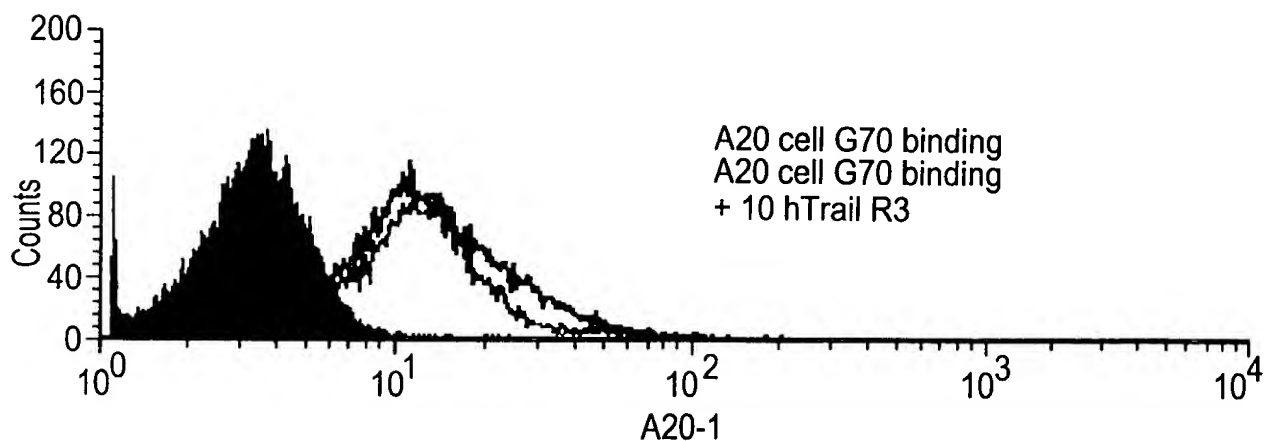


FIG. 17C



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FIG. 18

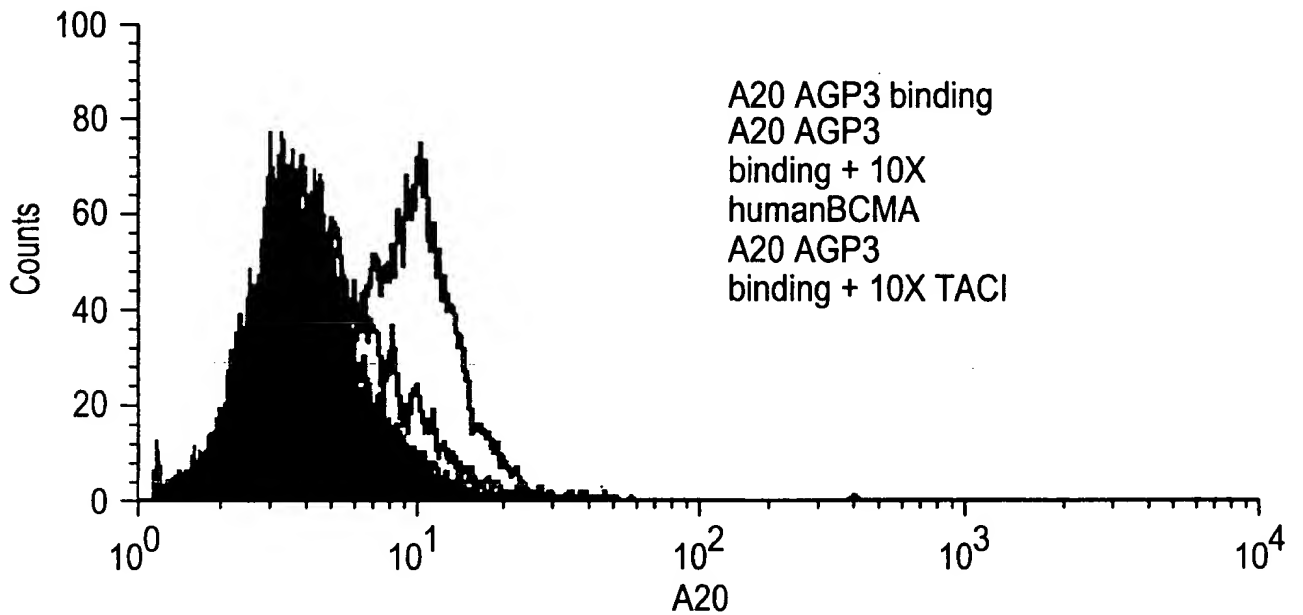


FIG. 18

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FIG. 19A

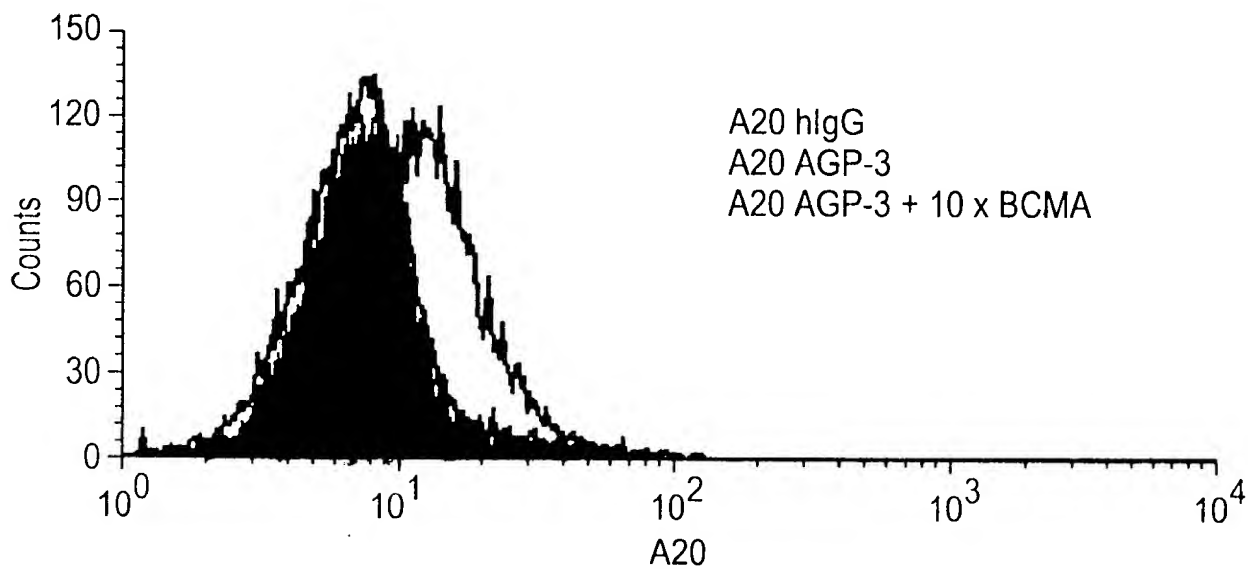


FIG. 19B

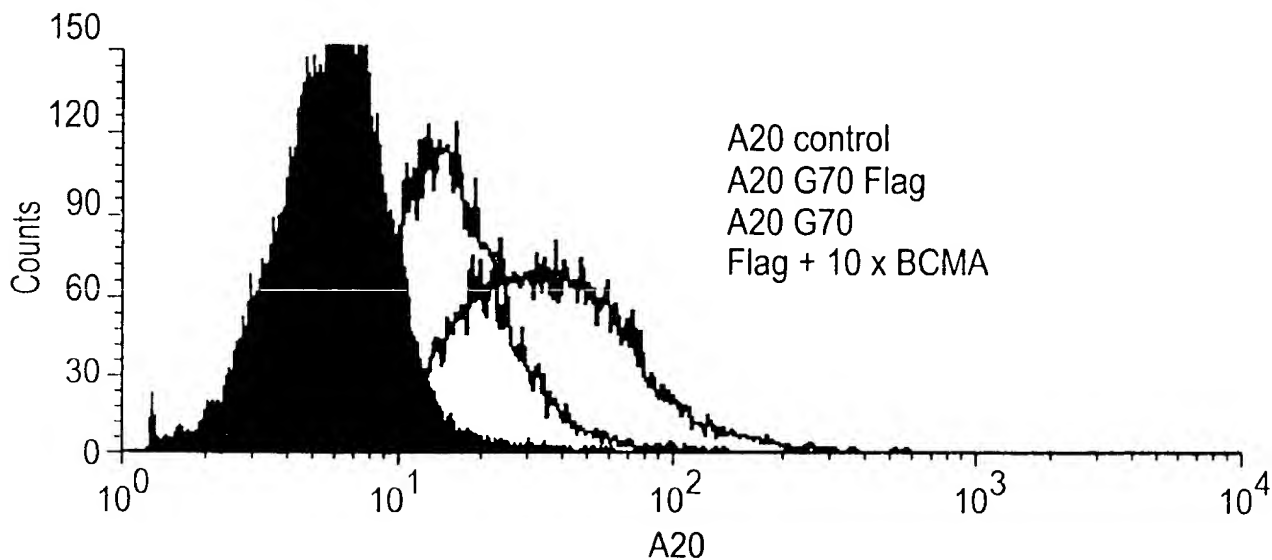


FIG. 20A

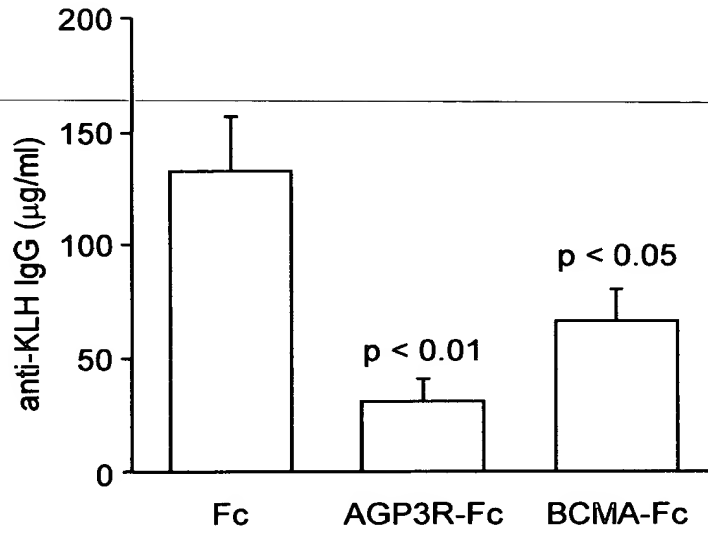


FIG. 20B

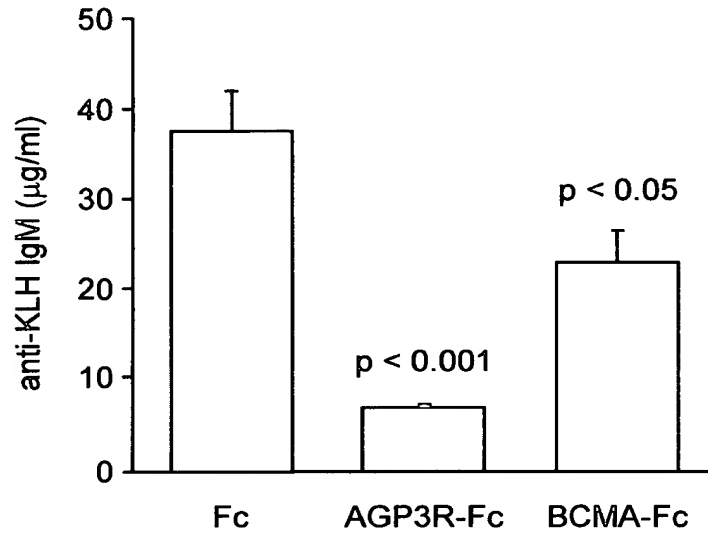
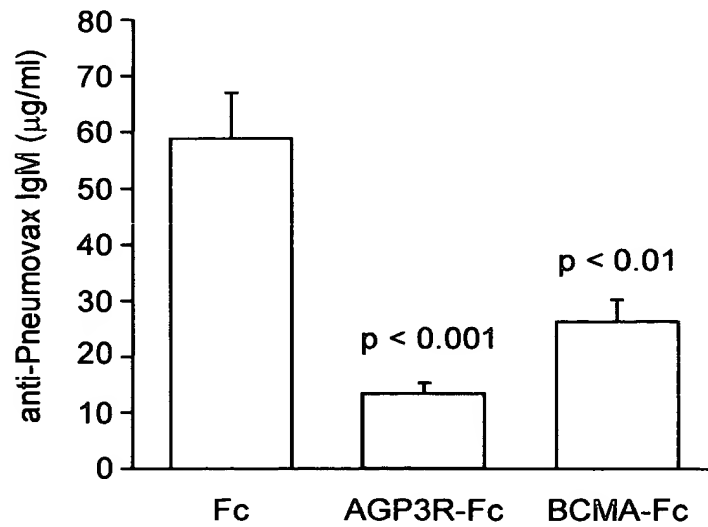


FIG. 20C



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Fc-humanAPRIL protein sequence including the signal sequence, Fc domain, linker (XhoI site) and APRIL:

FIG. 21

Fc-humanAPRIL

```
1  MEWSWVFLFF LSVTTGVHSD KTHTCPPCPA PELLGGPSVF
   LFPPKPKDTL
51  MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP
   REEQYNSTYR
101 VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG
   QPREPQVYTL
151 PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNQQPENNY
   KTTPPVLDSD
201 GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL
   SLSPGK SRAV
251 LTQKQKKQHS VLHLVPINAT SKDDSDVTEV MWQPALRRGR
   GLQAQGYGVR
301 IQDAGVYLLY SQVLFQDVTF TMGQVVSREG QGRQETLERC
   IRSMPSHPDR
351 AYNCSYSAGV FHLHQGDILS VIIPRARA KL NLSPHGTF LG
   FVKL*
```

FIG. 22
 Fc-HumanAPRIL and soluble human AGP3
 stimulate proliferation of primary B cells

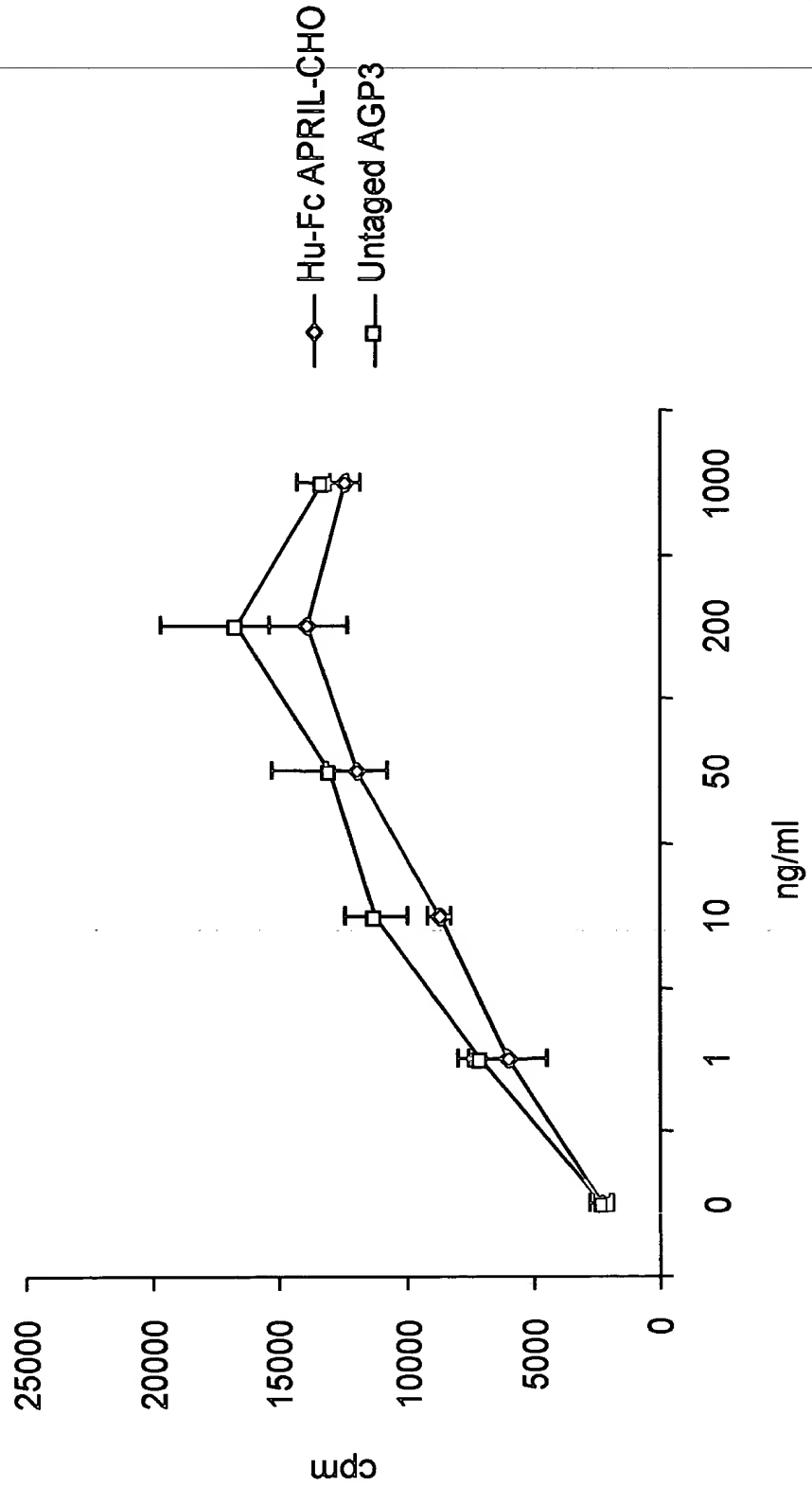


FIG. 23

hBCMA-Fc and wt hTACI-Fc inhibits
 Flag-mAPRIL mediated mouse B cell
 proliferation

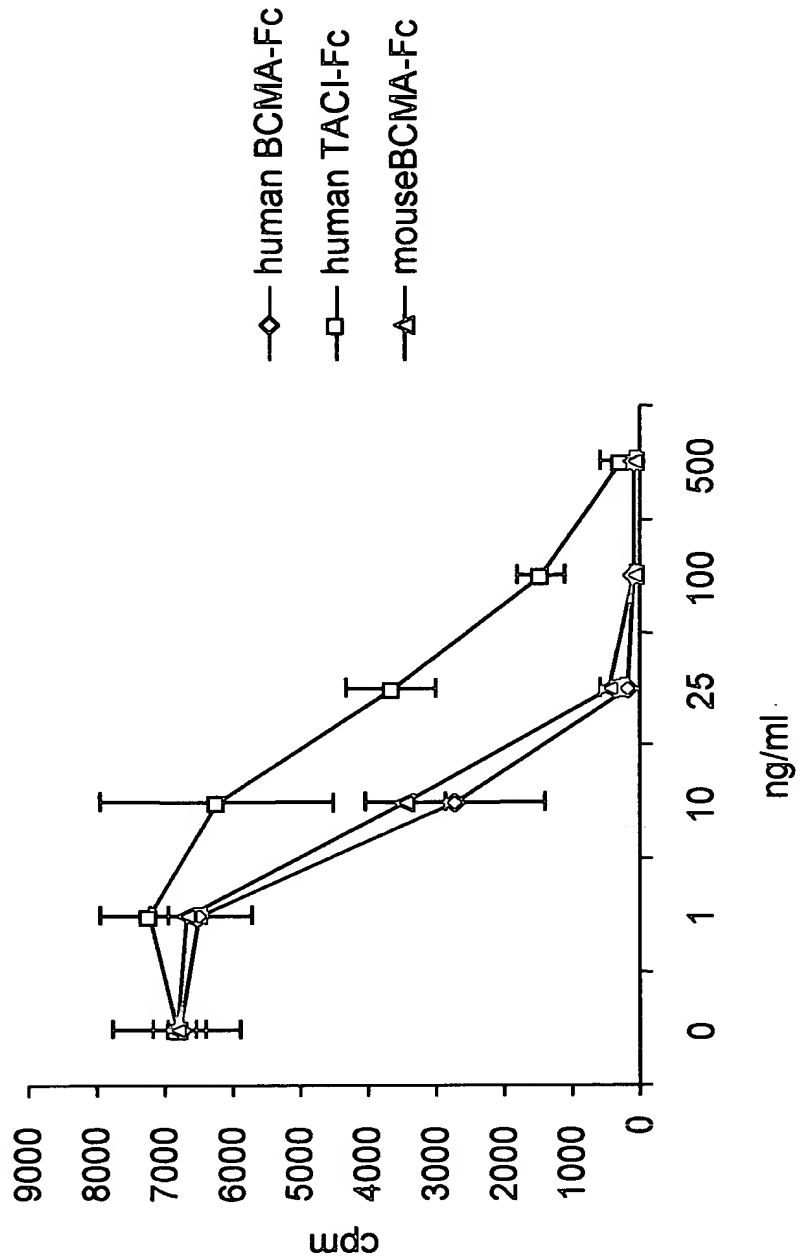




FIG. 24
hBCMA-Fc reduces PB B cell level *in vivo*
15 mg/kg ip on day 0, 3, and 6

BLOOD		WBC	#Lym	CD3+	CD3-B220+
		10e6/ml	10e6/ml	#	#
BCMA-Fc		5.30	3.81	2.3	1.3
	SD	0.39	0.43	0.32	0.27
	t test	0.03318	0.01570	0.24737	0.00506
Fc		8.02	6.43	2.7	3.2
	SD	1.27	1.52	0.6	0.6
Saline		6.90	5.55	2.1	2.9
	SD	2.04	1.79	0.5	1.2



FIG. 25

hBCMA-Fc reduces spleen B cell levels *in vivo*
15 mg/kg ip on day 0, 3, and 6

Spleen	WBC 10e6/ml	Lym (%)	spleen lym# 10ml(x10e6)	CD3-B220+ (%)	CD3-B220+ #
BCMA-Fc SD t test	9.12	97.9	89.3	45.5	41.8
	0.92	0.51	9.32	1.29	4.92
	0.02778	0.89118	0.02668	0.00234	0.02088
Fc SD	11.49	97.9	112.5	50.6	57.1
	1.62	0.38	15.65	1.95	9.67
Saline SD	11.48	98.5	113.1	53.7	48.5
	1.71	0.1	16.9	6.7	29.15



FIG. 26

Flag-mAPRIL and hAGP3 mediated IgA production inhibited by hBCMA-Fc and hTACI-Fc *in vitro*

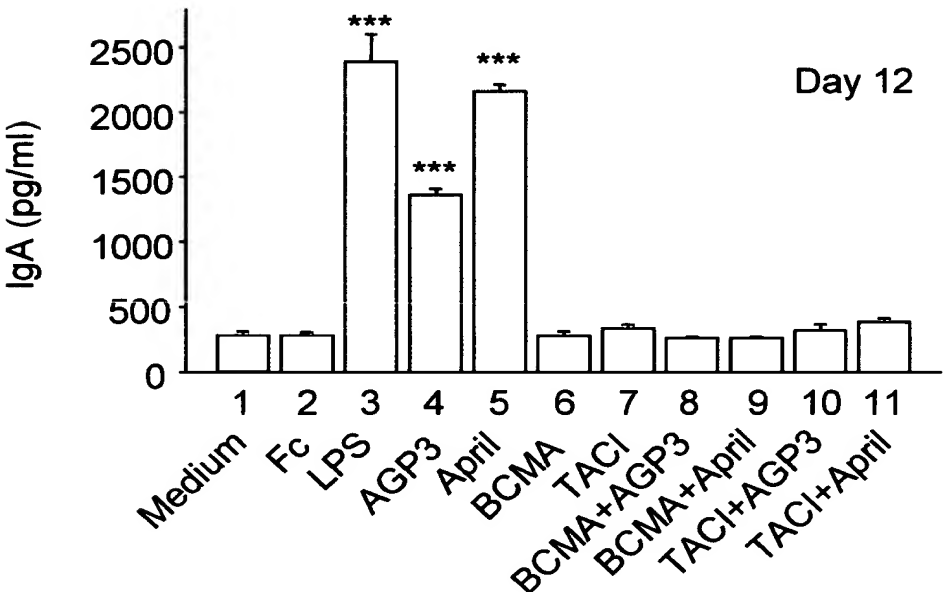
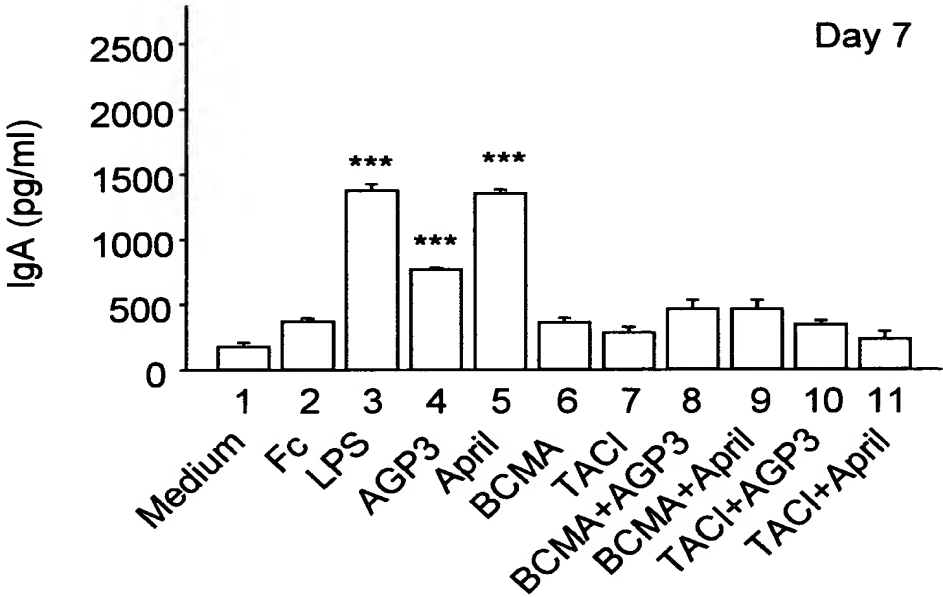




FIG. 27

Flag-mAPRIL and hAGP3 Mediated IgG Production
 Inhibited by BCMA-Fc and TACI-Fc *in Vitro*

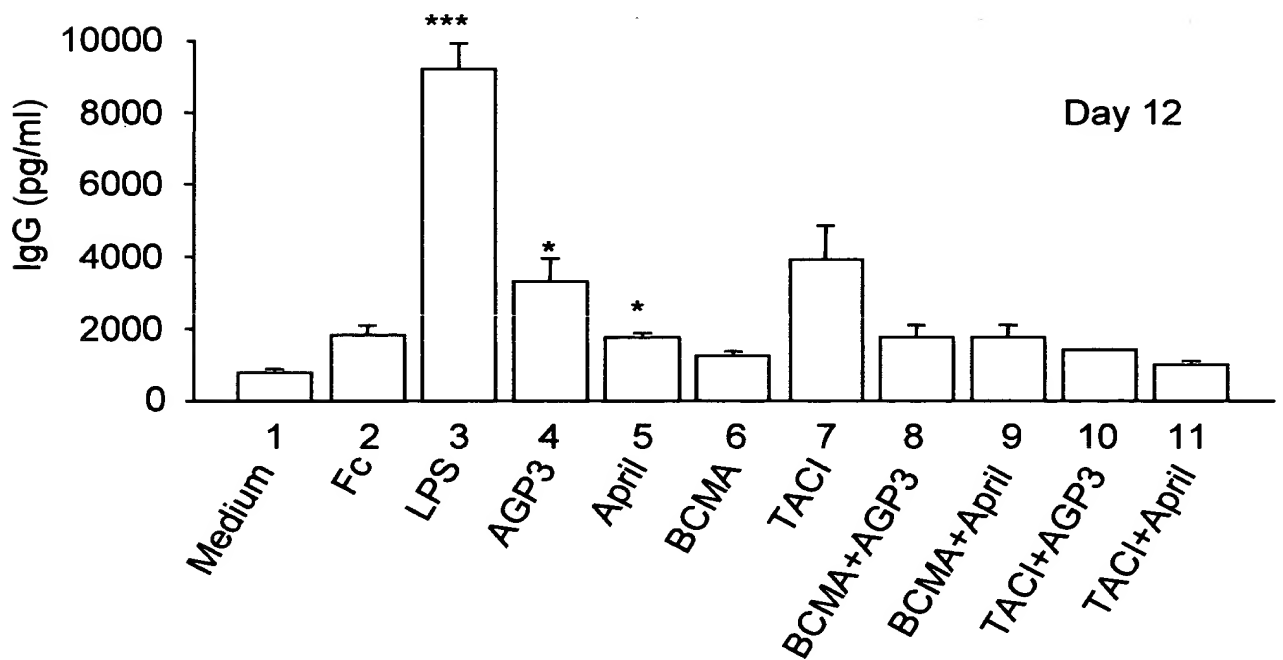
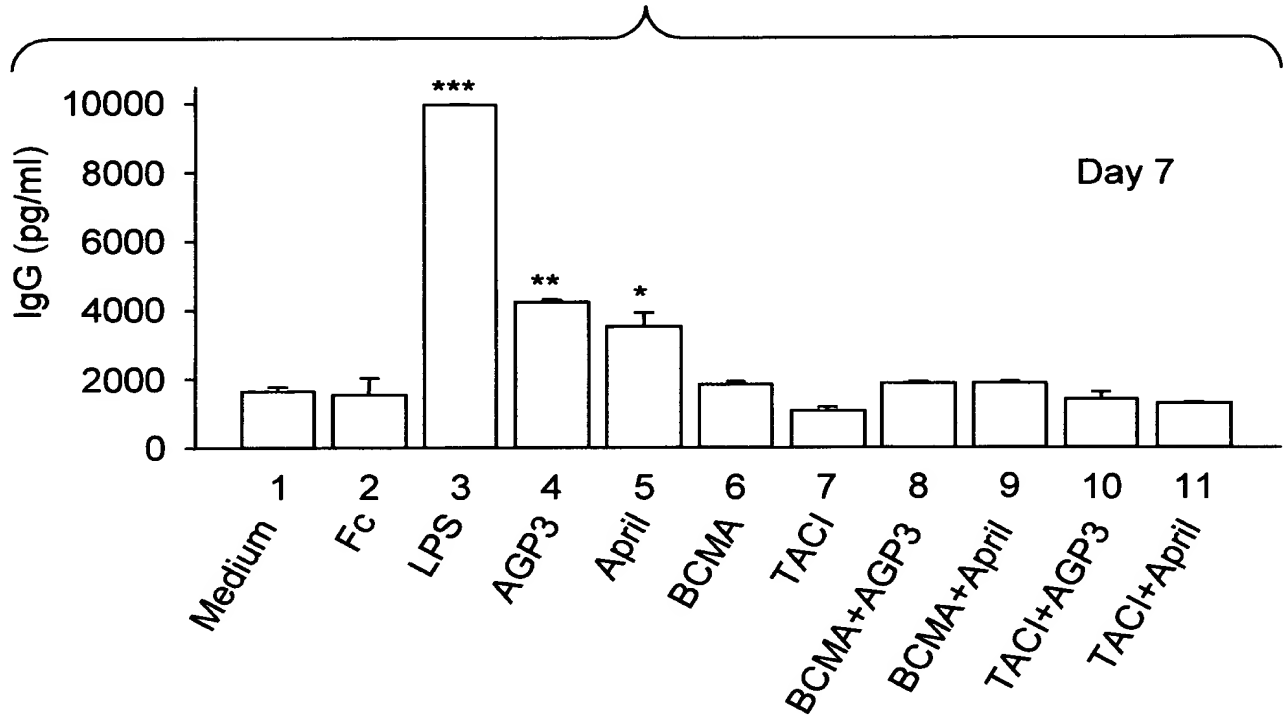




FIG. 28

Significantly reduces total IgE and IgA in normal mice treated with mBCMA-Fc and trun hTACI-Fc 5 mg/kg ip day 0, 3, and 6

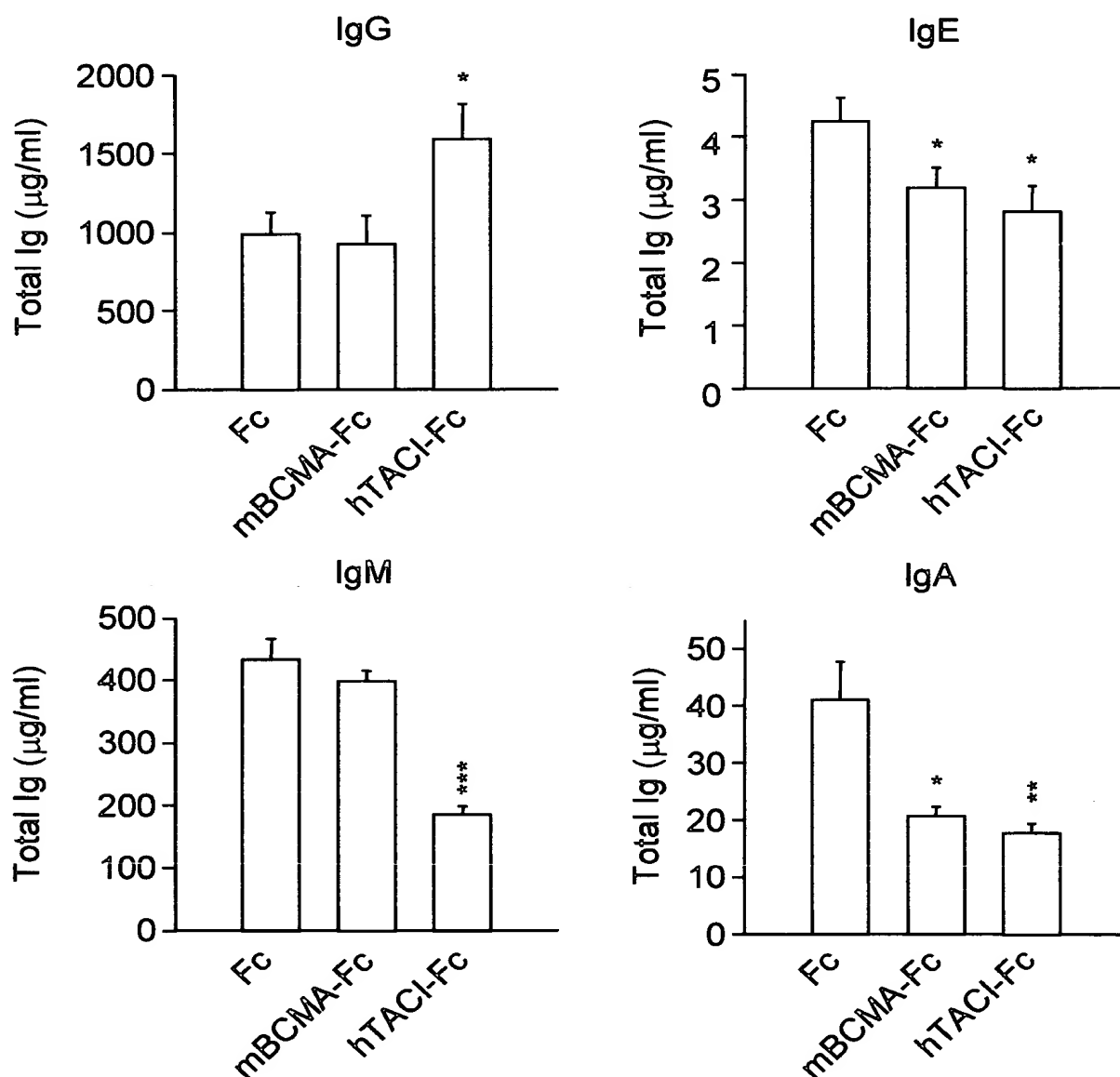


FIG. 29

BCMA-Fc and truncated TACI-Fc at daily doses of 0.5 mg/kg inhibits humoral immunity *in vivo*

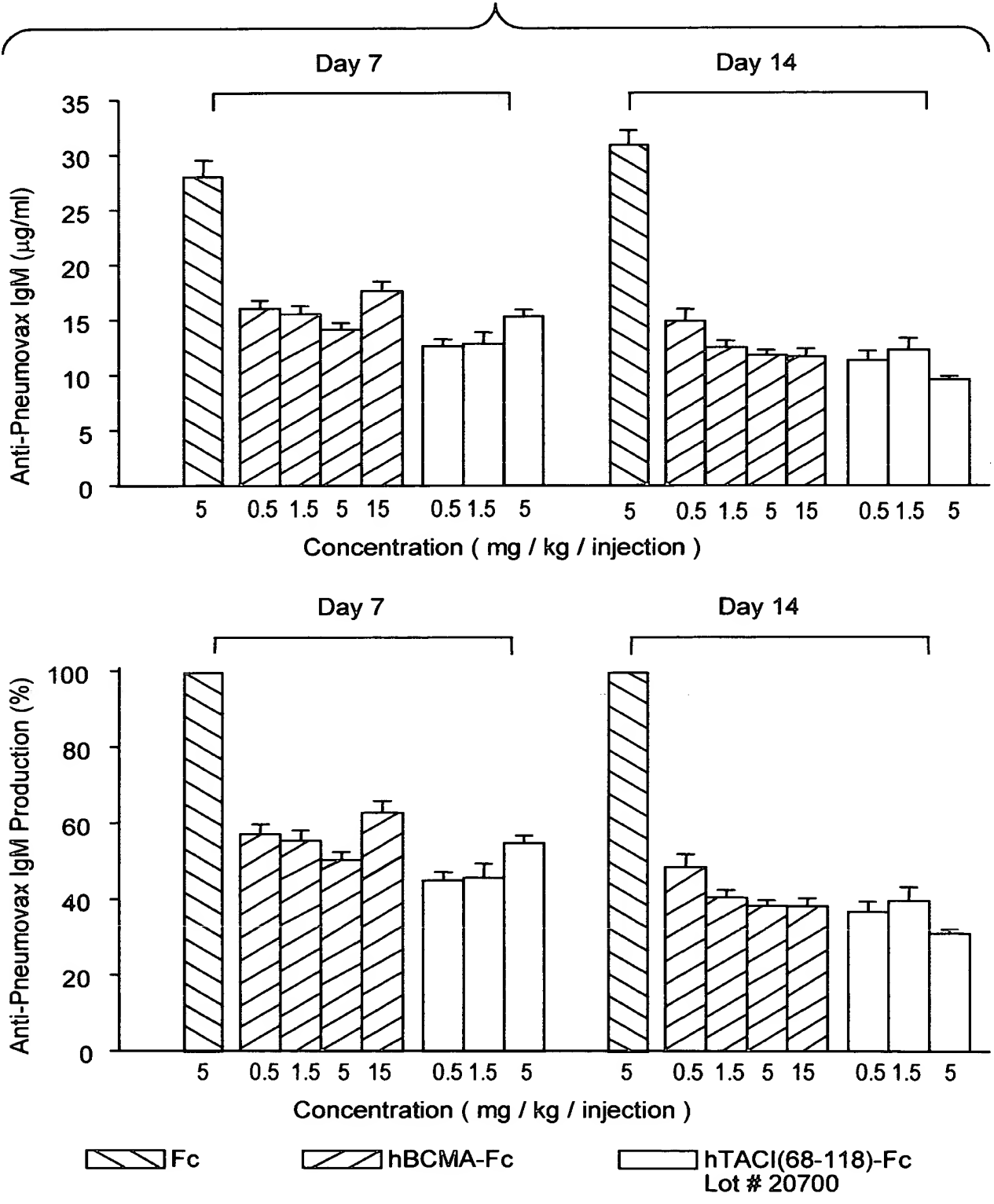
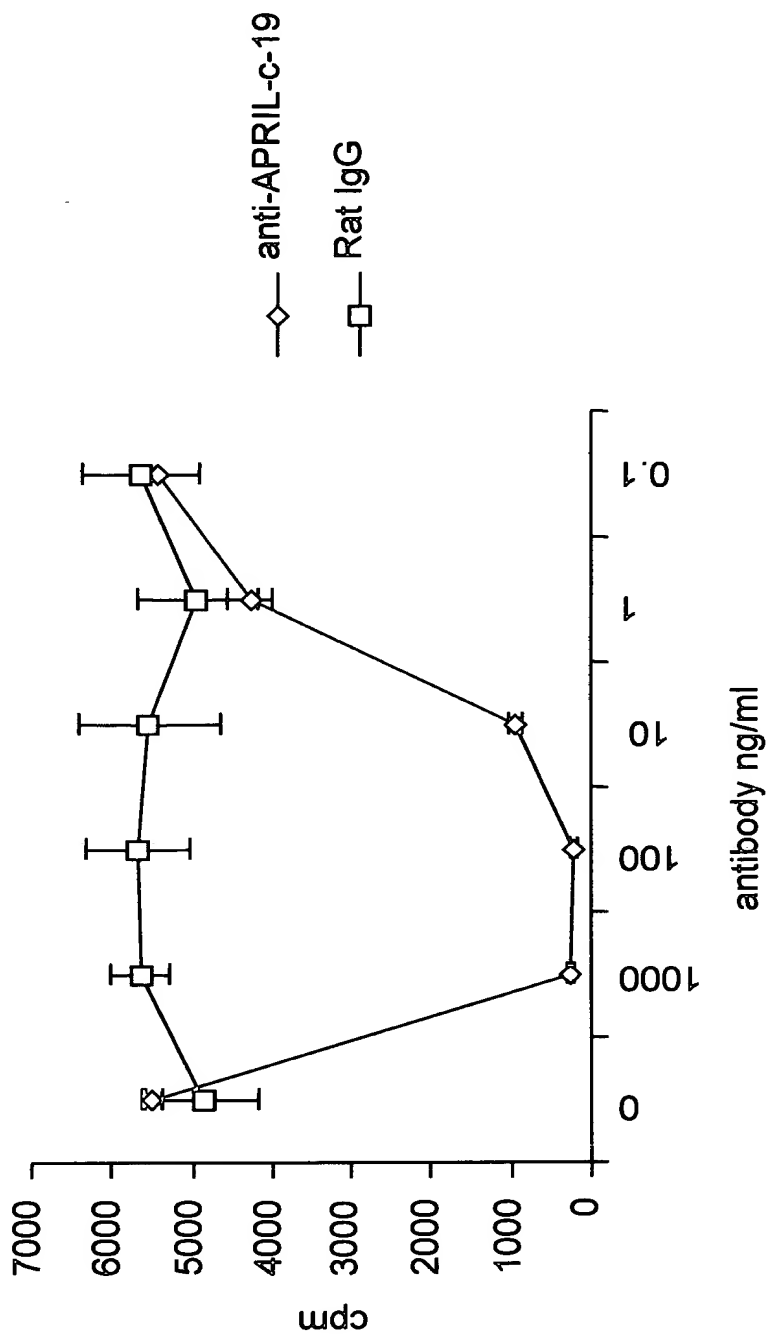




FIG. 30

Anti-mAPRIL c-19 MAb
 Inhibition of APRIL mediated B cell proliferation



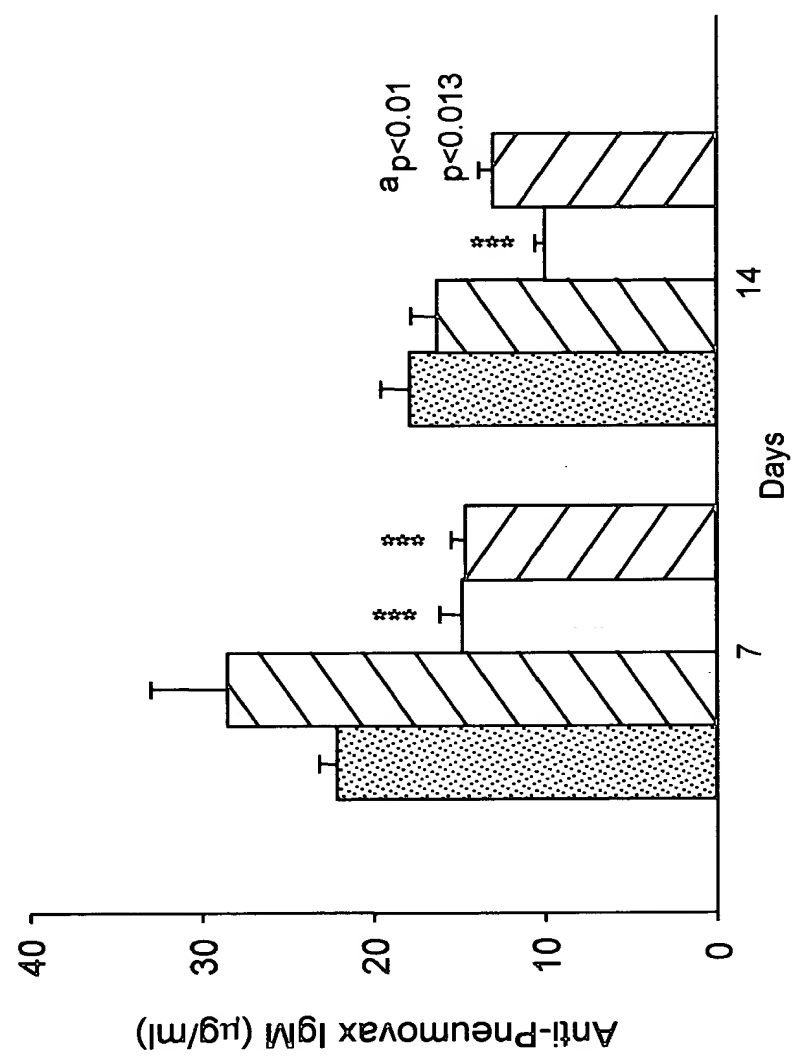
434343 434343 434343

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FIG. 31
Neutralizing anti-mAPRIL Mab Reduces anti-Pneumovacs IgM *In Vivo*
5 mg/kg ip on day 0, 3, and 6

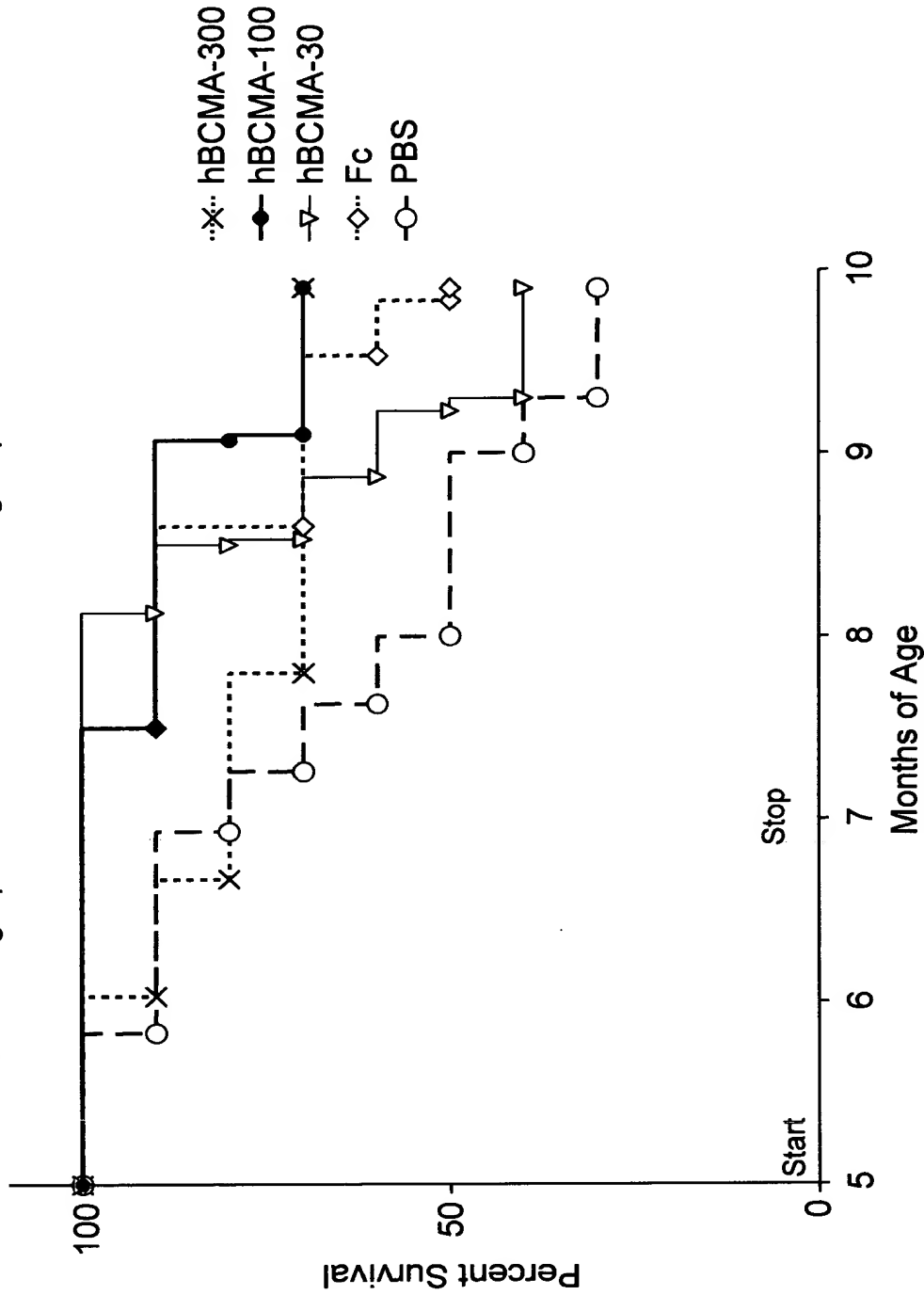
FC Anti-April Ab
anti-AGP3 Pb Peak 2 anti-AGP3 Pb Peak 2 + Anti-April Ab



^a difference between Anti-April Ab and anti-AGP3 Pb Peak 2 + Anti-April Ab Groups



FIG. 32
 Effect of hBCMA-Fc in NCB/NCWF1 mice
 Survival graph from various treatment groups

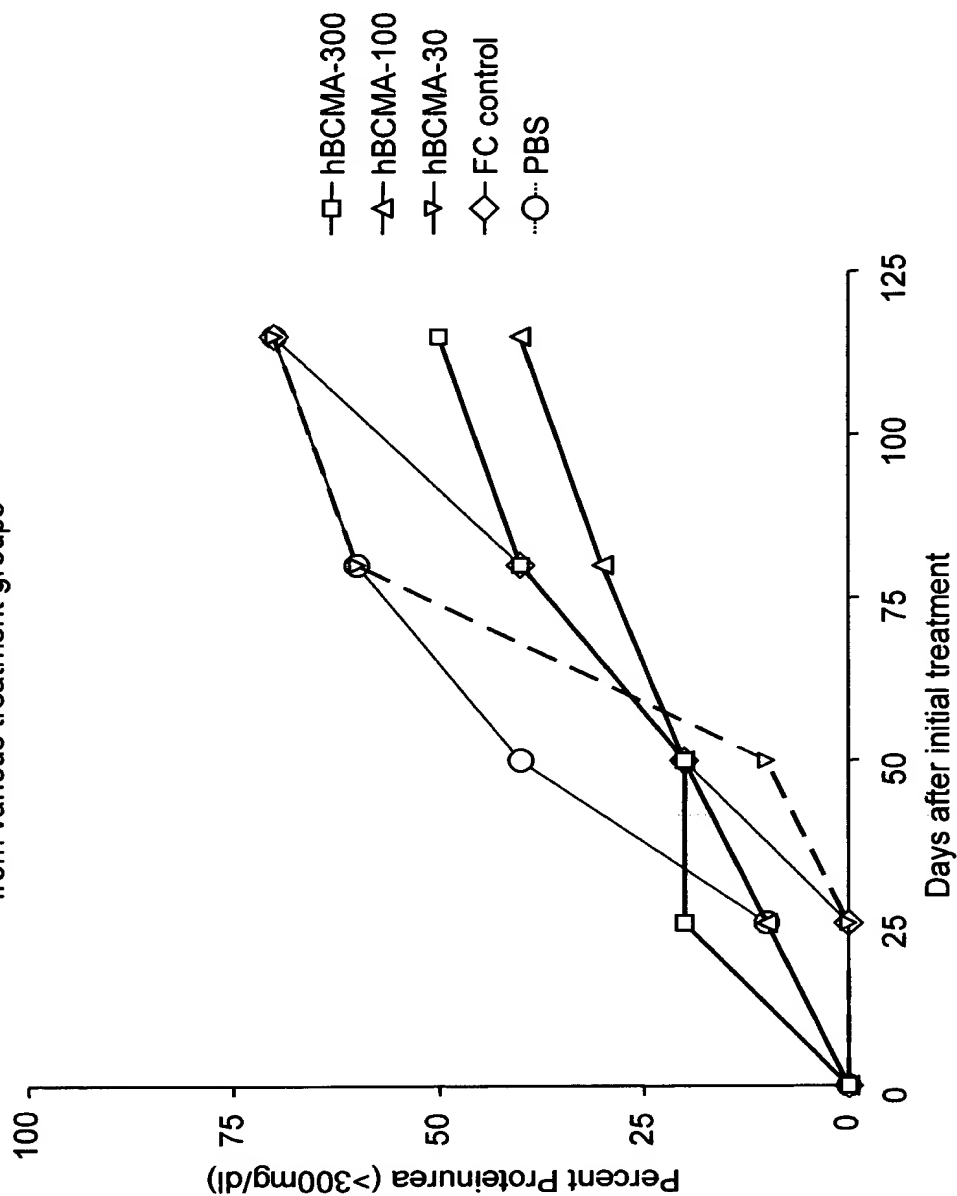


N=10 Mice were treated for 8 weeks 3x/week with the indicated proteins. KIN2 group had 12 mice.
 The 100 in the legend stands for 100 µg of protein or 4mg/kg i.p.



FIG. 33

Effect of hBCMA-Fc in NCB/NCWF1 mice
 Percentage of mice with proteinuria (>300mg/dl)
 from various treatment groups



N=10 Five month old BWF1 mice were treated with protein for 8 weeks i.p.
 The hBCMA-300 stands for hBCMA-fc 300 µg/mouse (12mg/kg)

FIG. 34

Analysis of antibodies to dsDNA from the peripheral blood
from various treatment groups of BWF1 at day 0, 30, 60, and 90.

MEAN anti-dsDNA isotypes in U/ml

Group #	Day 0		Day 30		Day 60		Day 90	
	IgG	IgM	IgG	IgM	IgG	IgM	IgG	IgM
hBCMA-300	179	560	163	371	150	706	171	841
hBCMA-100	150	430	259	718	171	822	339	1031
hBCMA-30	377	592	297	458	401	664	424	601
FC.	149	371	234	283	384	331	432	351
PBS	308	292	439	311	247	576	720	467

Standard Deviation of the above means

Group #	Day 0		Day 30		Day 60		Day 90	
	IgG	IgM	IgG	IgM	IgG	IgM	IgG	IgM
hBCMA-300	104	303	116	211	62	518	62	734
hBCMA-100	109	262	306	461	212	758	371	1225
hBCMA-30	363	455	281	430	305	606	421	400
FC.	68	160	150	93	391	151	233	237
PBS	311	73	474	152	247	370	870	327

FIG. 35

Evaluation of B cell numbers at treatment day 60 from
the 12mg/kg (30 ug), 4mg/kg (100ug), and 1.3mg/kg (300 ug) dose of
hBCMA-Fc groups along with the Fc and PBS control groups.

hBCMA-fc-300				hBCMA-100				hBCMA-Fc-30			
Mouse#	%CD4	%CD8	%B220	%CD4	%CD8	%B220		%CD4	%CD8	%B220	
1.0	16.3	11.0	16.4	26.1	14.9	10.1	5.0	9.0	6.9	10.3	
2.0	24.1	11.1	11.6	21.1	11.3	10.6	6.0	10.0	5.2	23.4	
3.0	18.2	7.4	9.9	24.6	13.3	8.3	7.0	11.0	6.4	29.2	
4.0	25.4	13.3	13.1	20.0	11.3	13.4	8.0	12.0	7.6	31.5	
x	21.0	10.7	12.8	23.0	12.7	10.6	x	x	11.6	23.6	
sd	4.4	2.4	2.8	2.9	1.7	2.1	sd	sd	6.2	9.5	
Fc				PBS							
33.0	7.0	8.1	25.4	16.9	8.3	15.5	37.0				
34.0	10.7	4.9	15.3	19.1	12.1	19.5	38.0				
35.0	18.9	9.3	21.0	7.1	3.4	17.5	39.0				
36.0	20.1	11.1	21.0	19.9	11.4	26.5	40.0				
x	14.2	8.4	20.7	15.8	8.8	19.8	x				
sd	6.4	2.6	4.1	5.9	4.0	4.8	sd				

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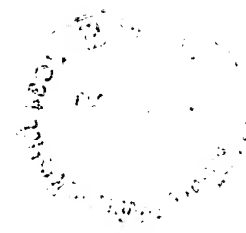


FIG. 36

Specific APRIL binding to Human Cell lines determined by FACS analysis

APRIL binding

HT 29 Colon adenocarcinoma	+	+	+
NCI 460 Lung carcinoma	+	+	+
PC3 Prostate adenocarcinoma	+		+
C6 Glial carcinoma	+		+
Raji Burkitt lymphoma	+	+	+
A20 Mouse B cell lymphoma	+	+	+
U266BI Myeloma	+	+	+
A435 Epidermoid carcinoma	-		-
A469 Kidney carcinoma	-		-
MDA-231 breast adenocarcinoma	-		-

APPROVED	D.C. FIG.	
BY	CLASS	SUBCLASS
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FIG. 37

Effect of APRIL, BCMA-Fc and TACI-Fc truncated on U266BI cell proliferation

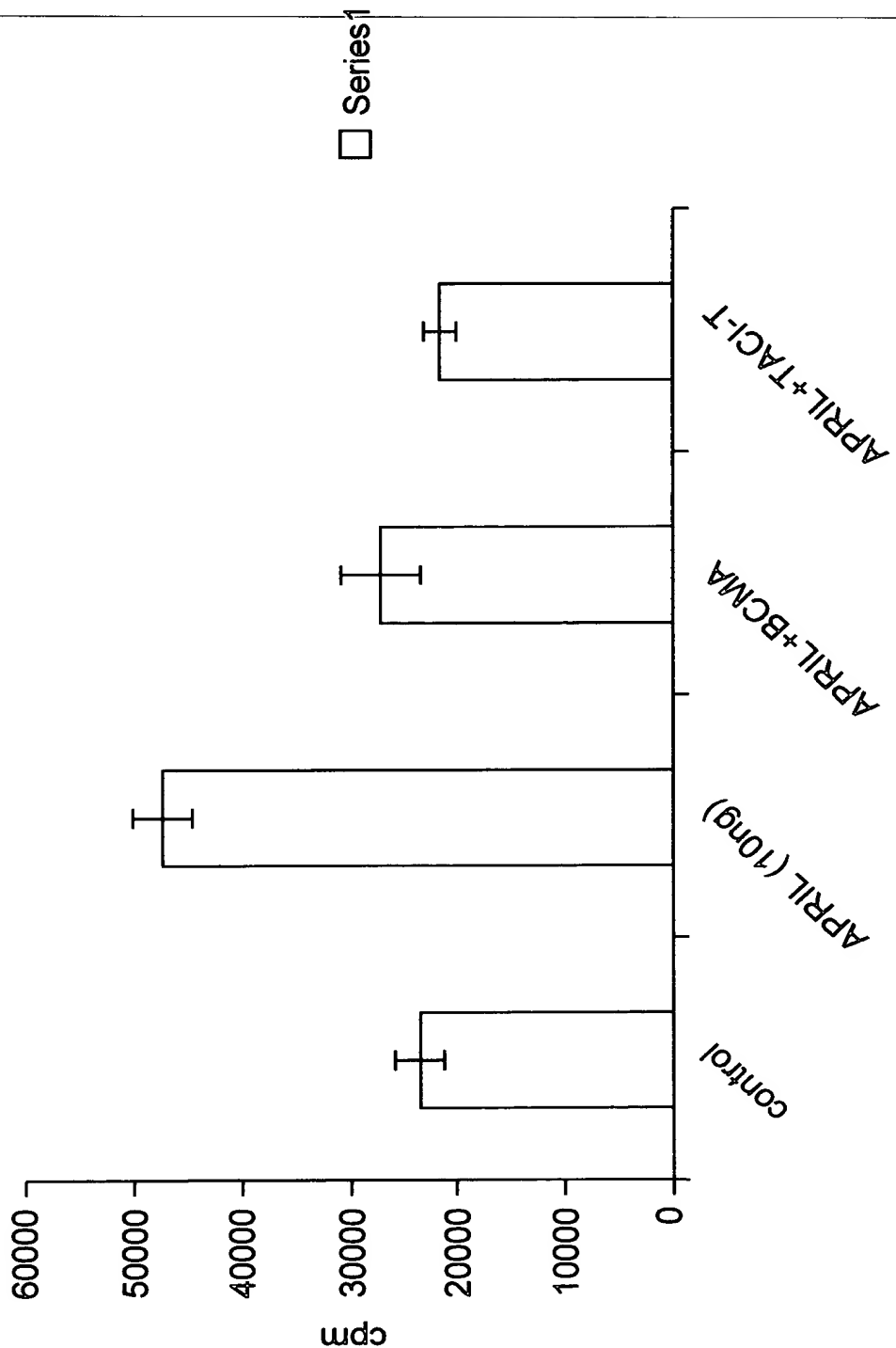




FIG. 38
 APRIL and AGP3 stimulates and BCMA-Fc
 inhibits B lymphoma cell proliferation

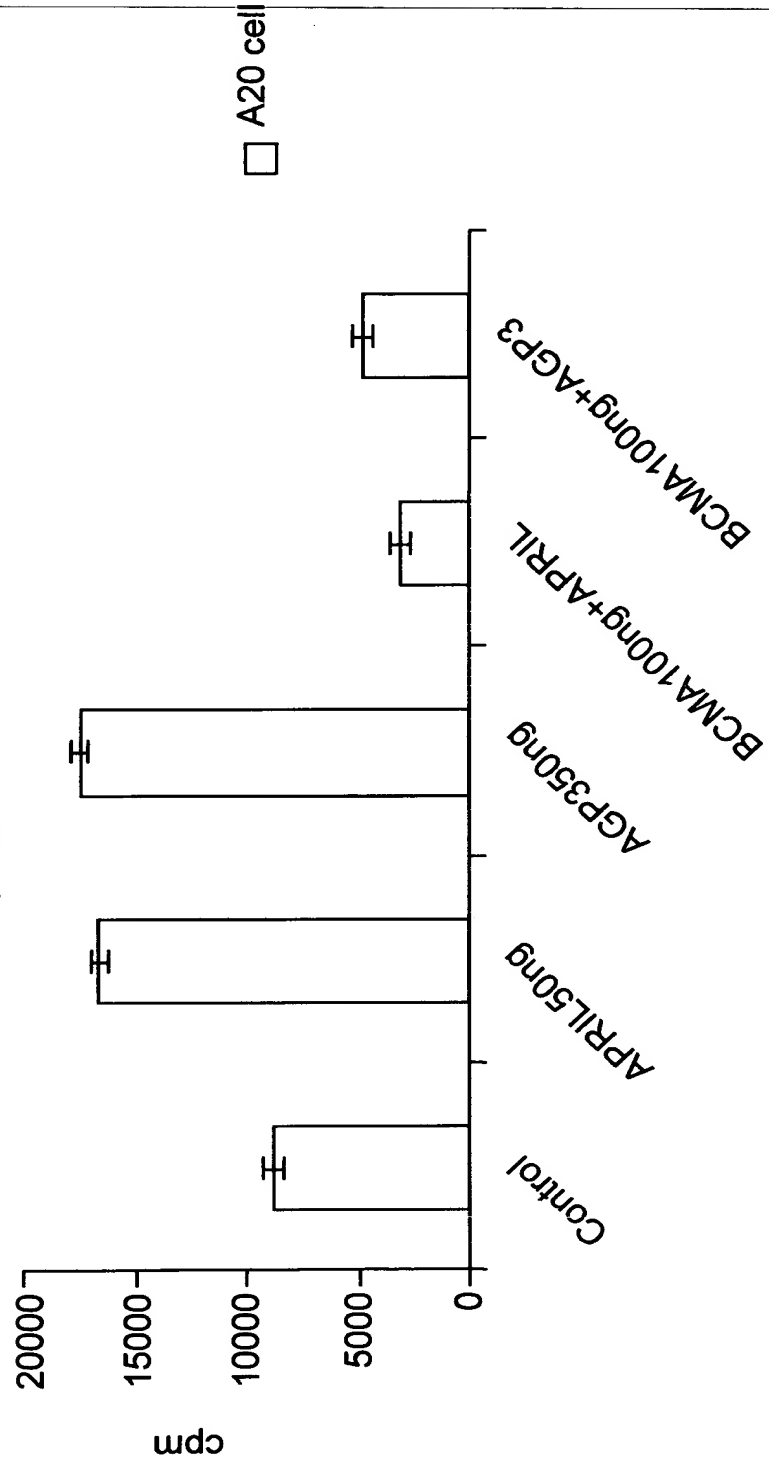




FIG. 39

Effects of BCMA & hTACI on the Growth of A20 in Balb/c Mice

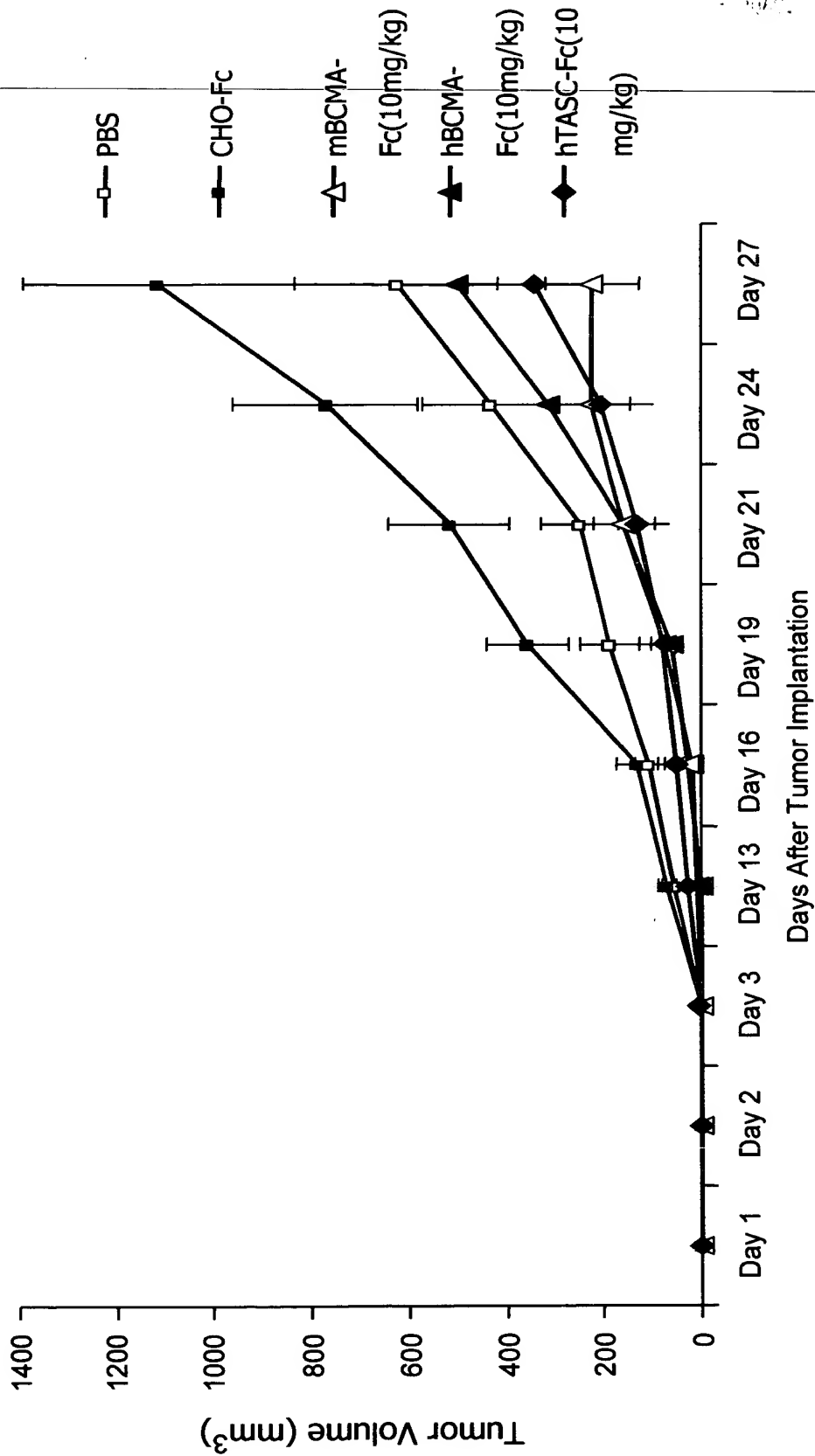
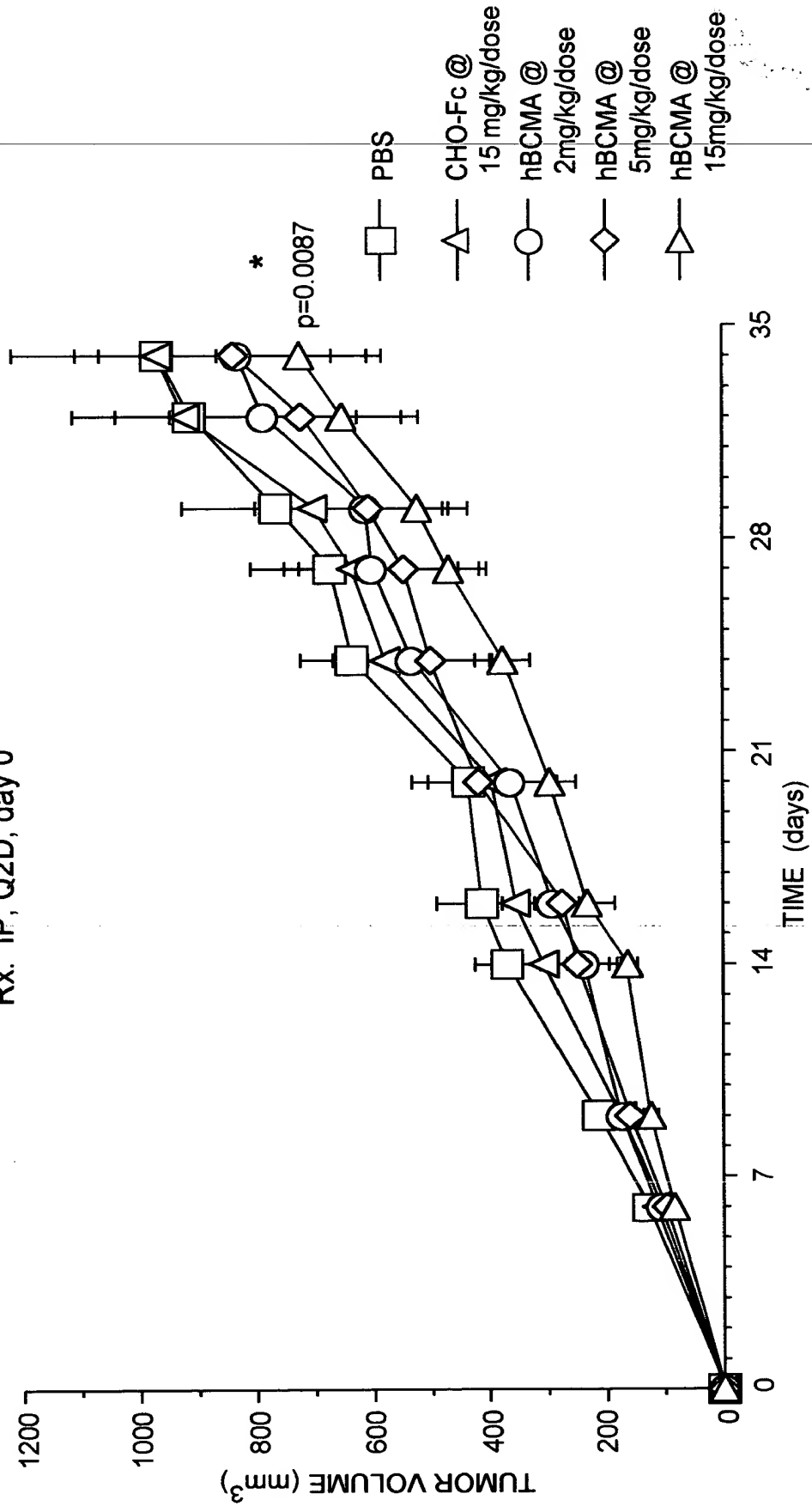




FIG. 40

EFFECT OF HUMAN BCMA-Fc AGAINST HT-29 SC TUMOR GROWTH

Rx: IP, Q2D, day 0



* Linear growth ANOVA with Dunnett's correction for multiple testing (n=10/group)

FIG. 41
 EFFECT OF MURINE BCMA-Fc AGAINST HT-29 SC TUMOR GROWTH
 Rx: IP, Q2D, day 0

